# MUNICIPAL WASTE REDUCTION AND RECYCLING PROJECT PROGRESS REPORT FORM - Recycling Coordination/Education Projects

A Progress Report is due in conjunction with payment requests. You may use this form, or your own form using a similar format. Use additional sheets if necessary.

<b>Grantee:</b>	Ulster County Resource	Contract No.	
	Recovery Agency		
Period covered by this report:		January 1st – Ma	rch 31 <sup>st</sup> 2022
	Person completing this report:	Angelina Brandt	, Director of Sustainability

1. Describe the activities from the contract Scope of Work which were completed during the time period of this report.

Work Plan Objective	Progress This Quarter	Details
1. Addresses recycling complaints about businesses, apartments, and institutions, and promotes awareness of local recycling requirements and recycling guidelines to reduce contamination,	<b>✓</b>	<ul> <li>Agency staff received and evaluated complaints from residents regarding recycling compliance issues.</li> <li>The Ulster County Annual Waste &amp; Recycling Report was conducted which is one of the mechanisms used to evaluate recycling compliance.</li> </ul>
2. Completes planning unit reports related to measuring and tracking regulated recyclable materials, electronics recycling, organics recycling, household hazardous wastes,		<ul> <li>2021 MWRR Grant Quarterly/Final Report completed and submitted by January 31<sup>st</sup></li> <li>FSR Grant Progress Report completed and submitted by January 31<sup>st</sup></li> <li>HHW State Assistance Program Grant was completed and submitted by February 28<sup>th</sup></li> <li>HHW Collection Program Annual Report was completed and submitted by March 1<sup>st</sup></li> <li>Organics Recovery Facility Annual Report was completed and submitted by March 1<sup>st</sup></li> <li>Electronics Recycling Annual Report was completed and submitted by March 1<sup>st</sup></li> <li>Work was completed on the draft Local Solid Waste Management Plan Biennial Update (Report due May 1<sup>st</sup>)</li> <li>Ulster County Annual Waste &amp; Recycling Reports were due by February 28<sup>th</sup> Staff notified contact list, collected and tracked reports, and compiled metrics about local waste and recycling</li> </ul>

	,	
3. Conducts site visits and consultation	✓	January The Ulater County Annual Weste & Requeling Report was conducted
services to implement		The Ulster County Annual Waste & Recycling Report was conducted
or improve existing		which is one of the mechanisms used to educate large waste
-		generators about recycling requirements and alternatives.
recycling, composting,		
or waste reduction		February (2)
programs,		• 02/03 conference call w/Orange County regarding development
		of their Organics Recovery Facility & program
		• 02/04 conference call w/Ulster County Department of the
		Environment regarding development of an RFP for a Reuse
		Innovation Center Study
		March
		None this month
4. Updates/distributes	$\checkmark$	Upon request, the Recycling Outreach Team (ROT) mails media
program media such		kits to local community groups, businesses, local government,
as guides, brochures,		residents, etc. X total media kits were requested this quarter.
contacts lists, flyers,		During facility tours and presentations, the ROT distributed
posters, recycling bin		media kits to all visitors or program participants. 11 media kits
stickers, signs, or		were distributed this quarter.
other media and		
promotional items to		
aid in		
recycling/composting		
programs,	•/	
5. Markets the	V	
availability and use of		Results from December 2021 compost testing yielded good
finished compost, and		results. December test results were received and reviewed in
maintains US		January and were posted to UCRRA website.
Composting Council		Compost was sampled and sent for testing again in March.  The Assessment of the HSCC Seal of
Seal of Testing		The Agency complied with all requirements of the USCC Seal of  Tasking Agency Requirements
Assurance Program,		Testing Assurance Program.
		Staff participated in planning meetings to discuss and
C. Aata callata v. C.	<b>-</b>	coordinate the launch of the bagged compost product.
6. Acts as liaison for	•	Agency staff engaged with local Municipal Recycling Drop Off
UCRRA Partners in		Centers during the coordination of the Ulster County Annual
Composting Program and UCRRA Dual		Waste & Recycling Report.
Stream Recycling		New program media was developed for the UCRRA Partners in
Program, and strives		Composting Program – The Compost Poster was translated and
to increase public		printed in Spanish
participation in both		
programs,		
7. Facilitates	<b>√</b>	<u>January</u>
presentations and	-	
workshops for		01/07 Interview for BARD College Student. Project Title:     "Strategies to Support Community Response to MSW Waste
businesses, schools,		"Strategies to Support Community Response to MSW Waste
community groups,		Proposals in the Upper Hudson River Watershed"
youth groups, and		
residents, to promote		<u>February</u>
recycling, waste		02/17 "Rethinking School Waste" webinar for Mount School
. 35,5		Academy (Esopus NY)

reduction, reuse, up- cycling, and composting,		<ul> <li>March</li> <li>03/07 "Rethinking School Waste" webinar for New Paltz Middle School Climate Club</li> <li>03/09 "Recycle Right" webinar for Unitarian Universalist Society of the Catskills</li> <li>03/15 "Making &amp; Using Compost in the Garden" webinar in collaboration with Town of Esopus Public Library</li> <li>03/30 "UCRRA Organics Recovery Facility" presentation for Ulster County Environmental Management Council</li> </ul>		
8. Tables at community events and fairs, and facilitates special recycling events for compost bin sales, or other recycling events,		January None this month  February None this month  March None this month		
9. Conducts facility tours of the Material Recovery Facility, the Organics Recovery Facility, the Sustainable Living Center, and the home composting demonstration garden,	•	January None this month  February None this month  March  O3/04 Recycling & Composting Tour for new UCRRA Board Members  O3/09 Recycling & Composting Tour for Town of New Paltz Climate Smart Task Force  O3/23 Composting Tour for Hudson Compost Services		
10. Promotes recycling/waste reduction/composting messaging through UCRRA website, social media, e-newsletters, podcasts, newspaper, radio advertising, bus ads, or other means of communication,	•	Social Media   January - Implementing State & Local Laws (Statewide Ban on Polystyrene Foam and Loose Fill Packaging, launch of Statewide Food Scraps Reduction and Food Scraps Recycling Law, Ulster County Food Waste Prevention & Recovery Act implementing at >1tpw cohort of large food scraps generators)    February - Waste Sustainability Tips for Valentines Day (Sustainable gift giving and common items that should/should not be recycled) & celebrating February 25th National Skip the Straw Day (educating about Ulster County Skip the Straw Law)    March - Waste Sustainability Tips for Spring Cleaning (Use eco-friendly cleaning alternatives, tips for decluttering the home and what to recycle/donate, safe use and disposal of chemical cleaning agents)		

Radio	January None this month
	<u>February</u>
	None this month
	March None this month
Print	January An advertisement for the Agency's recycling and
	composting services appeared in the 2022 Ulster County Chamber of Commerce Community Resource Guide and Membership Directory.
	February 02/11 Interviewed for Hudson Valley One Magazine editorial about local recycling & wish-cycling. Editorial will be posted for Earth Day.
	March None this month
News Letter /Blog	January None this month per schedule
, 2.08	<ul> <li>February</li> <li>02/02 New Blog for Valentines Day Sustainability         "Don't Go Wasting My Heart" –View the blog online         at <a href="https://ucrra.org/valentines-day-dont-go-wasting-my-heart/">https://ucrra.org/valentines-day-dont-go-wasting-my-heart/</a> </li> <li>02/11 UCRRA Winter Newsletter – View the         newsletter online at         <a href="https://mailchi.mp/e99d49dd4052/winter-2022-news">https://mailchi.mp/e99d49dd4052/winter-2022-news</a></li> </ul>
	<ul> <li>March</li> <li>03/18 New Blog "Sustainable Spring Cleaning" added to website- <a href="https://ucrra.org/sustainable-spring-cleaning/">https://ucrra.org/sustainable-spring-cleaning/</a></li> </ul>
Web	January Recycling Educator Job Opportunity posted
	February Recycling Educator Job Opportunity posted
	<u>March</u>

			• 02/21 kickoff mooting for SUNV Ulster Video Project
			<ul> <li>03/31 kickoff meeting for SUNY Ulster Video Project</li> <li>New webpages added to the website.</li> <li>Find a Local Reuse Organization         <ul> <li>https://ucrra.org/waste-recycling/find-a-reuse-organization/</li> </ul> </li> <li>Find a Local Repair Program         <ul> <li>https://ucrra.org/waste-recycling/find-a-repair-</li> </ul> </li> </ul>
			location/
		Other	The Recycling Outreach Team responded to questions and inquiries through social media, the Recycling Hotline, direct emails, and through the contact us submissions through UCRRA website.
			   <u>January</u>
			30 second Digital/Streaming TV campaign is in
			development for February & March 2022.
			February–March
			Digital/Streaming TV campaign scheduled. View the 30
			sec ad online at
			https://www.youtube.com/watch?v=4dqepIZqtR4
11. Attends and	✓	• (Profes	sional Development) 01/12 Webinar: Into the Green Bin:
participates in		•	g Food Waste from Institutional Settings
conferences,		•	ssional Development) 02/03 Webinar: Plastics Recycling in
seminars, and groups or meetings related to		•	al Region: Myths vs. Markets sional Development) 02/23 Webinar by NorthEast
regional recycling,			g Council: End Markets for Finished Compost
organics, waste			Conference call w/NYS Compost Awareness Week Steering
reduction, or product		Committ	
stewardship initiatives		• 03/03 ( Mgmt. G	Conf. Call w/Hudson Valley Regional Council - Materials
		• 3/21 In on comp	terview with Christopher Thomas, SUNY ESF thesis project ostable packaging – collaboration w/NYS Center for ble Materials Mgmt.
		• (Profes	sional Development) 3/16 Webinar: "Spring Forward:
			posables" sional Development) 03/17 Webinar "Creating Effective
		•	ng: Communications Strategy for Recycling Leaders"
		•	sional Development) 03/21 Webinar "Engaging with Communities"
			sional Development) 03/23 Conf. Call – NY Compost
		Awarene	ss Week Ambassadors Mtg.
		•	sional Development) 03/24 Conf. Call – NYSAR3 Women
			cling Committee w/webinar "DEI/Cultural Competence" sional Development) 03/24 Webinar "Understanding the
			ram to Sell More Compost"

12. Plans, implements, directs, and reports on the Agency's Household	<b>√</b>	Agency staff coordinated all necessary documentation and planning to facilitate the 2022 Household Hazardous Waste Collection Program. All documentation was submitted to NYSDEC by March 30 <sup>th</sup> and the program was approved.
Hazardous Waste Program and promotes awareness of safe disposal practices and alternatives to  Som and the program was approved.  The Agency will host four events in 2022  Sat. April 30th in NEW PALTZ  Sun. June 26th in KINGSTON  Sat. August 20th in NEW PALTZ  Sun. October 23rd in KINGSTON		<ul> <li>Sat. April 30th in NEW PALTZ</li> <li>Sun. June 26th in KINGSTON</li> <li>Sat. August 20th in NEW PALTZ</li> </ul>
household hazardous wastes		

2. List the work products from the contract which were completed. Provide copies of any completed work products, if applicable.

The following items are presented as a Media Sample for this quarter -

- Miscellaneous classes/events fliers
- December 2021 (as well as historical) compost test results are available on the Agency's webpage https://ucrra.org/compost-for-sale/compost-test-results/
- Samples of social media content can be viewed on the Agency's <u>facebook page linked here</u>, <u>Instagram account linked here</u>, <u>and Youtube channel linked here</u>
- New Blog for Valentines Day Sustainability "Don't Go Wasting My Heart" –View the blog online at <a href="https://ucrra.org/valentines-day-dont-go-wasting-my-heart/">https://ucrra.org/valentines-day-dont-go-wasting-my-heart/</a>
- UCRRA Winter Newsletter View the newsletter online at https://mailchi.mp/e99d49dd4052/winter-2022-news
- New Blog "Sustainable Spring Cleaning" added to website—<a href="https://ucrra.org/sustainable-spring-cleaning/">https://ucrra.org/sustainable-spring-cleaning/</a>
- New webpages added to the UCRRA website.
  - Find a Local Reuse Organization <a href="https://ucrra.org/waste-recycling/find-a-reuse-organization/">https://ucrra.org/waste-recycling/find-a-reuse-organization/</a>
  - Find a Local Repair Program
     https://ucrra.org/waste-recycling/find-a-repair-location/
- Digital/Streaming TV campaign. View the 30 sec ad online at https://www.youtube.com/watch?v=4dqeplZqtR4
- PDF copies of the presentations and reports described here are available upon request (large file size)
- 3. Add any other information to help evaluate the success of this project.

The Agency recruited, hired, and trained a new Recycling Educator, Ms. Tanesia White, during this quarter. The Recycling Outreach Team (ROT) successfully and consistently completed 10/11 tasks under this project this quarter, despite staffing shortages during annual reporting season. Only one task associated with community events could not be completed due to inclement weather.

The ROT collects program tracking data to help evaluate the success and reach of the program and strategies used to meet the project objectives. A total of 62 adults and 14 youth directly

participated in programs associated with this project this quarter, totaling 7.25 hours of direct community engagement in educational workshops and tours. The ROT conducted 5 public speaking events, 2 interviews, and 3 guided tours of the recycling and composting facility, and actively planned a series of outreach events and programs for the Spring, celebrating Earth Day and Compost Awareness Week. The Recycling Outreach Team responded to questions on the Agency's recycling hotline. The ROT tracked 172 recycling-related phone calls, totaling approximately 23.25 hours of educational service over the hotline.

The Recycling Outreach Team grew its social media audience by about 1% on each of the Agency's account. By the end of the quarter, there were 1100 followers and 984 Likes on Facebook, and 885 followers on Instagram. By the end of the quarter, the Agency's Youtube Channel had 141 total views, or 3.9 hours of viewing. The number of newsletter subscribers also increased by about 1% totaling 3813 by the end of the quarter. The ROT used google business tools to evaluate traffic to the UCRRA website and estimates; Direct Searches: 17,565 - 32%, Related Business Searches: 2,726 - 5%, and Service Searches: 34,553 - 63%.

The Recycling Outreach Team continues to look for new tools and innovative methods to reach a wider audience and enhance program offerings that inform and help improve local waste reduction, recycling, and composting programs.



This webinar is hosted by the Town of Esopus Public Library with guest speaker Angelina Brandt,
Director of Sustainability at Ulster County Resource Recovery Agency

### Learn how to compost with confidence!

This free webinar will help hobby gardeners and seasoned composters alike to learn new skills, tips, and best practices for how to make compost, a Gardener's "Black Gold" from kitchen scraps and yard waste.

This workshop will review how to troubleshoot some common composting issues, how to avoid pests and nuisances in the compost pile, and share insights into the science of composting. Participants will also learn why compost is beneficial to the soil and will learn about uses and application rates for incorporating compost into the garden.



For more information and to sign up, please visit <a href="www.ucrra.org/events-classes/">www.ucrra.org/events-classes/</a>

# MUNICIPAL WASTE REDUCTION AND RECYCLING PROJECT PROGRESS REPORT FORM - Recycling Coordination/Education Projects

A Progress Report is due in conjunction with payment requests. You may use this form, or your own form using a similar format. Use additional sheets if necessary.

Grantee:	Grantee: Ulster County Resource		
	Recovery Agency		
	Period covered by this report:	April 1 <sup>st</sup> – June 3	0 <sup>th</sup> 2022
	Person completing this report:	Angelina Brandt	, Director of Sustainability

1. Describe the activities from the contract Scope of Work which were completed during the time period of this report.

	T	
Work Plan	Progress	Details
Objective	This	
	Quarter	
1. Addresses recycling	✓	Agency staff received and evaluated complaints from residents
complaints about		regarding recycling compliance issues.
businesses, apartments,		Staff continued to receive and review the Ulster County Annual
and institutions, and		Waste & Recycling Reports in April.
promotes awareness of		
local recycling		
requirements and		
recycling guidelines to		
reduce contamination,		
2. Completes planning	✓	
unit reports related to		Work was completed on the draft Local Solid Waste
measuring and tracking		Management Plan Biennial Update (Report submitted May 1st)
regulated recyclable		
materials, electronics		Ulster County Annual Waste & Recycling Reports were due by  Salar and 20th but at 65 and the county are considered.
recycling, organics		February 28 <sup>th</sup> but staff continued to receive and track reports
recycling, household		into early April.
hazardous wastes,		
3. Conducts site visits	✓	<u>April</u>
and consultation services		None this month
to implement or improve		
existing recycling,		May
composting, or waste		Flour & Joy MicroBakery
reduction programs,		
		<u>June</u>
		06/22 The Bearsville Center
		06/29 Keap Candles
4.Updates/distributes		<ul> <li>Upon request, the Recycling Outreach Team (ROT) mails media</li> </ul>
program media such as	✓	kits to local community groups, businesses, local government,
guides, brochures,		residents, etc. 18 total media kits were requested this quarter.
contacts lists, flyers,		<ul> <li>During facility tours and presentations, the ROT distributed</li> </ul>
posters, recycling bin		, ,
		media kits to all visitors or program participants.
stickers, signs, or other		

	r	
media and promotional items to aid in	•	<ul> <li>Print copies of program media is available at the Main Office.</li> </ul>
recycling/composting		
programs, 5. Markets the	<b>✓</b>	
	•	Describe from Morale 2022 as we neet toothing violated as advanuable
availability and use of	•	• Results from March 2022 compost testing yielded good results.
finished compost, and		March test results were received and reviewed in April and
maintains US		were posted to UCRRA website.
Composting Council Seal		• Compost was sampled and sent for testing again in June.
of Testing Assurance	•	<ul> <li>The Agency complied with all requirements of the USCC Seal of</li> </ul>
Program,		Testing Assurance Program.
	•	<ul> <li>Staff participated in planning meetings to discuss and</li> </ul>
		coordinate the launch of the bagged compost product.
6. Acts as liaison for	•	<ul> <li>New program media was developed for the UCRRA Partners in</li> </ul>
UCRRA Partners in		Composting Program – The Compost Poster was translated and
Composting Program and		printed in Spanish
UCRRA Dual Stream		•
Recycling Program, and		
strives to increase public		
participation in both		
programs,		
7. Facilitates	•	<u>April</u>
presentations and	•	<ul> <li>04/05 Panelist on session "Source Separation &amp; Its Impact on</li> </ul>
workshops for		Product Quality" at the NYS Organics Summit (Albany)
businesses, schools,	•	<ul> <li>04/07 Kickoff meeting for SUNY Ulster Video Project &amp; "Intro to</li> </ul>
community groups,		UCRRA" presentation
youth groups, and		04/27 Recycling Trivia Game for Esopus Mount Academy
residents, to promote		5 04/27 Recycling Tivia dame for Esopus Wount Academy
recycling, waste	١,	May
reduction, reuse, up-		May
cycling, and composting,	•	05/04 Webinar: Indoor Composting Methods-
		Vermicomposting!
	•	<ul> <li>05/12 Community Outreach for Recycling Leaders, in</li> </ul>
		collaboration with NYS Center for Sustainable Community
		Solutions
		<ul> <li>05/17 Intro to Home Composting Class at Plattekill Public</li> </ul>
		Library
	J	<u>lune</u>
	-	• 06/07 Webinar: "Vermicomposting" for New Paltz Climate
		Smart/Climate Action Coalition members
		<ul> <li>06/09 Vermicomposting Demos for Wraparound Services</li> </ul>
		School for Achievement
	•	06/14 Vermicomposting Demos for Wraparound Services     Sala additional Additional Services
		School for Achievement
	•	<ul> <li>06/15 "Oceans of Possibilities: Upcycling Art for Kids" at the</li> </ul>
		Town of Esopus Public Library
	•	<ul> <li>06/16 Vermicomposting Demos for George Washington</li> </ul>
		Elementary School Class
	•	• 06/29 "Plastic Pollution & Its Impacts" Hybrid In-person/Virtual
		Presentation with Town of Gardiner Environmental

Г		Concernation Commission at Taxon of Condition B 189-19	
O Tubles at a second	<b>V</b>	Conservation Commission at Town of Gardiner Public Library	
8. Tables at community events and fairs, and facilitates special recycling events for compost bin sales, or other recycling events,	•	<ul> <li>April</li> <li>04/21 Earth Week Table at Habitat for Humanity</li> <li>4/30 UCRRA's Household Hazardous Waste Collection Event</li> <li>May</li> <li>05/01 UCRRA presents: JUST EAT IT: A FOOD WASTE STORY at the Orpheum Theater Saugerties NY</li> <li>05/07 UCRRA's Spring Compost Bin &amp; Rain Barrel Sale</li> <li>June</li> </ul>	
		<ul> <li>06/10 Vermicomposting Demos at the Annual Earth Day Fair at Bennett Elementary School (Onteora Central School District)</li> </ul>	
9. Conducts facility tours of the Material Recovery Facility, the Organics Recovery Facility, the Sustainable Living Center, and the home composting demonstration garden,		<ul> <li>April</li> <li>04/11 Tour for Ulster County Comptroller's Office</li> <li>04/12 Tour for Rondout Valley High School student</li> <li>04/14 Tour for Kingston High School student</li> <li>04/27 Tour for Esopus Mount Academy students</li> <li>May</li> <li>05/10 Composting Tour for Town of Hurley</li> <li>05/19 Recycling Tour for Kingston YMCA Farm Project BARK Crew</li> <li>June</li> <li>06/02 Tour for Ellenville Middle School Environmental Club</li> <li>06/03 Tour for Tillson residents</li> <li>06/07 Tour for Clean Harbors (HHW Program Manager)</li> <li>06/15 Tour for Tetra Tech (Organics Recycling Division Manager)</li> </ul>	
10. Promotes recycling/waste reduction/composting messaging through UCRRA website, social media, e-newsletters, podcasts, newspaper, radio advertising, bus ads, or other means of communication,		Social Media  April — About Us messaging promoting a human-centric element to our social media campaign. Get to know us at UCRRA, featuring meet the staff, upcoming events, and service highlights .  May — International Compost Awareness Week Message 1: "Recipe for Regeneration" - how to balance browns and greens, what can and cannot be composted at home, importance best mgmt. practices.  Message 2: Composting Methods — Indoor Composting (Vermicomposting), Outdoor composting methods, and local food scrap drop off programs.  Message 3: Benefits of Using Compost in the Garden  June — Celebrating National Waste & Recycling Workers Week, World Oceans Day & upcoming events.	

D = al! =	Anath
Radio	<u>April</u>
	15 sec "Spring Compost Bin Sale 2022"
	30 sec "Earth Day 2022"
	·
	May
	15 sec "Grow Ulster Green – ICAW 2022"
	30 sec "Reduce Food Waste – ICAW 2022"
	June
	15 sec "Recyclopedia"
	15 sec "Electronics Recycling 2022"
	30 sec "What Happens to Trash 2022?"
Print	<u>April</u>
	2 week campaign in Ulster Publishing promoting
	UCRRA's Spring Compost Bin & Rain Barrel Sale
	OCIVINA 3 Shrinik Combost pin & vani partei saie
	<u>May</u>
	None this month
	June
	None this month
N	
News	<u>April</u>
Letter	A special newsletter was sent to Ulster County SUNY
/Blog	college campuses for Earth Day.
	May
	May (2.1/20) May
	• (04/29) May Newsletter was sent to 3,926
	subscribers. View the newsletter online at
	https://mailchi.mp/1149cd15517d/winter-2022-
	news-6076813?e=[UNIQID]
	<u>June</u>
	None this month
Web	April
	NEW webpage "Find a Bulk/Refill Store" added to
	· -
	UCRRA website
	https://ucrra.org/waste-recycling/find-a-bulk-refill-
	store/
	May
	None this month
	None this month
	<u>June</u>
	None this month
Other	The Recycling Outreach Team responded to questions
	and inquiries through social media, the Recycling
	and inquiries unrough social inleula, the necycling

11. Attends and participates in conferences, seminars, and groups or meetings related to regional recycling, organics, waste reduction, or product stewardship	•	Hotline, direct emails, and through the contact us submissions through UCRRA website.  April  NEW Home Composting Education Display  O4/28 Planning meeting for SUNY Ulster Video Project  May  NEW flier "Find a Food Scraps Drop Off Site"  O5/05, 05/12 Planning Meetings with SUNY ULSTER Design Class – UCRRA Video Project  O5/07 Cornell Cooperative Extension Ulster County 4-H Civic Engagement Project at the UCRRA Compost Demonstration Garden  O5/11 Recycling Interview for SUNY New Paltz Journalism student  June NEW posters in development for Plastic Free July/Oceans of Possibilities  Staff attended the NYS Organics Summitt (Albany) in April.
initiatives  12. Plans, implements, directs, and reports on the Agency's Household Hazardous Waste Program and promotes awareness of safe disposal practices and alternatives to household hazardous wastes	•	Agency staff coordinated all necessary documentation and planning to facilitate the 2022 Household Hazardous Waste Collection Program.  The Agency will host four events in 2022  Sat. April 30th in NEW PALTZ  Sun. June 26th in KINGSTON  Sat. August 20th in NEW PALTZ  Sun. October 23rd in KINGSTON  O6/06 Memo sent to Town Supervisors regarding PaintCareNY  O6/09 Press Inquiry by Shawangunk Journal regarding PaintCareNY and the Agency's Household Hazardous Waste Collection Program

2. List the work products from the contract which were completed. Provide copies of any completed work products, if applicable.

The following items are presented as a Media Sample for this quarter -

- Miscellaneous program photos
- March 2022 (as well as historical) compost test results are available on the Agency's webpage https://ucrra.org/compost-for-sale/compost-test-results/
- Samples of social media content can be viewed on the Agency's <u>facebook page linked here</u> Instagram account linked here, and Youtube channel linked here
- NEW UCRRA Partners in Composting Poster (Spanish)
- Ulster Publishing ad promoting UCRRA's Spring Compost Bin & Rain Barrel Sale
- A special newsletter sent to Ulster County SUNY college campuses for Earth Day
- (04/29) May Newsletter. View the newsletter online at https://mailchi.mp/1149cd15517d/winter-2022-news-6076813?e=[UNIQID]
- NEW webpage "Find a Bulk/Refill Store" added to UCRRA website https://ucrra.org/waste-recycling/find-a-bulk-refill-store/
- 06/09 Memo sent to Town Supervisors regarding Paint Care
- Memo National Waste & Recycling Workers Week
- Radio Ads April, May, June
- Miscellaneous class/event fliers
- PDF copies of the presentations and reports described here are available upon request (large file size)

### 3. Add any other information to help evaluate the success of this project.

The Recycling Outreach Team (ROT) successfully completed 11/11 tasks under this project this quarter. The ROT collects program tracking data to help evaluate the success and reach of the program and strategies used to meet the project objectives. A total of 433 adults and 233 youth directly participated in programs associated with this project this quarter, totaling 54.75 hours of direct community engagement in educational workshops and tours. The ROT conducted 12 public speaking events, participated in 5 special events, facilitated 10 guided tours of the recycling and composting facility, and participated in 1 interview. A large focus on outreach initiatives this quarter was celebrating Earth Day and International Compost Awareness Week. The Recycling Outreach Team responded to questions on the Agency's recycling hotline. The ROT tracked 462 recycling-related phone calls, totaling approximately 36.41 hours of educational service over the hotline.

The Recycling Outreach Team grew its social media audience by about 1% on each of the Agency's account. By the end of the quarter, there were 1148 followers and 1008 Likes on Facebook, and 965 followers on Instagram. By the end of the quarter, the Agency's Youtube Channel had 2135 total views, or 12.4 hours of viewing. The number of newsletter subscribers also increased by about 1% totaling 4120 by the end of the quarter. The ROT used google business tools to evaluate traffic to the UCRRA website and estimates; Direct Searches: 22,301 - 34%, Related Business Searches: 5,030 – 7.7%, and Service Searches: 38,208 – 58.3%.

The Recycling Outreach Team continues to look for new tools and innovative methods to reach a wider audience and enhance program offerings that inform and help improve local waste reduction, recycling, and composting programs.



The Recycling Outreach Team held a special event at the Orpheum Theater in Saugerties (May 1<sup>st</sup> 2022). The event was a free community screening of the documentary JUST EAT IT: A FOOD WASTE STORY, free admission was 'sponsored' by UCRRA. Following the feature was a panel-style Q&A with Michael D'Arcy (Environmental Outreach Manager at Ulster County Department of the Environment), Mary McNamara (Liason for the Town of Saugerties Transfer Station Composting Program) and Tanesia White, UCRRA Recycling Educator. 30 participants attended the event.









(LEFT) The Ellenville Middle School Environmental Club poses for a group photo in front of UCRRA's finished compost. June 2<sup>nd</sup>2022.

(BELOW) Social Media Post developed by Tanesia White, Recycling Educator.



(ABOVE) Recycling Educator Tanesia White reads "Compost Stew" to a group of 5<sup>th</sup> graders at Bennet Elementary School (Onteora Central School District) on June 10<sup>th</sup> 2022.



UCRRA's Spring Compost Bin & Rain Barrel Sale (May 7<sup>th</sup> 2022) was a success! The store received 90 pre-orders and the Recycling Outreach Team distributed 55 rain barrels, 36 Earth Machine composters, 20 Dual Chamber Tumbling Composters, 3 Vermi-composters, 1 Geobin Composter, and other composting tools. We also distributed 76 educational composting kits to Ulster County participants.



Members of Cornell Cooperative Extension of Ulster County were among our first visitors to the new Home Composting Demonstration Garden (May 7<sup>th</sup> 2022). The Recycling Outreach Team partnered with CCEUC for the 4-H Youth Civic Engagement Project. We received support planting native pollinator crop of Milkweed in the new raised garden bed.



cce ulster

### **ULSTER COUNTY RESOURCE RECOVERY AGENCY**

### **BOARD OF DIRECTORS**

KATHERINE BEINKAFNER, CHAIR TOM KACANDES, VICE CHAIR CHARLES LANDI, TREASURER JAMES GORDON, MEMBER MARGOT BECKER, MEMBER

### **LEGAL STAFF**

KENNETH GILLIGAN, ESQ



### P.O. BOX 6219, 999 FLATBUSH ROAD KINGSTON, NY 12402

EMAIL: UCRRA@UCRRA.ORG WEBSITE: WWW.UCRRA.ORG SOCIAL: @UCRRA

PHONE: (845) 336-0600 FAX: (845) 336-4129

### **ADMINISTRATIVE STAFF**

TIMOTHY DEGRAFF, CPA, EXECUTIVE
DIRECTOR/CONTROLLER
CHARLES WHITTAKER, DIRECTOR OF OPERATIONS AND
COMPLIANCE

ANGELINA BRANDT, DIRECTOR OF SUSTAINABILITY
TANESIA WHITE, RECYCLING EDUCATOR
MELINDA FRANCE, OFFICE MANAGER
AMY LOPIANO, CHIEF ACCOUNTING CLERK

### WHAT IS UCRRA

### **OUR MISSION**

The mission of the Ulster County Resource Recovery Agency is to protect public health, the environment and to promote sustainable materials management practices in Ulster County by efficiently managing solid waste materials with a focus on resource conservation.

### SERVICES UCRRA PROVIDES

UCRRA is responsible for the final disposal of all municipal solid waste generated in Ulster County to ensure waste is managed in an environmentally responsible manner. Even if your trash is picked up at the curb by a hauler, all solid waste must be delivered to UCRRA per the Flow Control Law.

UCRRA offers dual stream recycling and composting for businesses, schools, and municipalities. We also offer FREE safe disposal of Household Hazardous Waste for Ulster County residents, and FREE Electronics Recycling for residents and businesses on Saturdays (April - November).

### RECYCLING OUTREACH TEAM

UCRRA's Recycling Outreach Team promotes sustainability through free workshops, a newsletter, blog posts, special recycling events, facility tours and much more!

The Team provides consultation services, guidebooks, posters, bin stickers, staff training and more to help enhance existing recycling programs or launch new waste-sustainability initiatives.





### **EARTH DAY**

ADRII 22ND

# WHY IS WASTE MANAGMENT IMORTANT

BY TANESIA WHITE , RECYCLING EDUCATOR AT UCRRA 845-336-3336

### WHY COMPOST?

### **POLLUTION PREVENTION**

Food waste in landfills produce methane, a greenhouse gas more potent than carbon dioxide. Nationwide, food waste makes up the largest component of material that gets buried in landfills - approximately 22% or over 30 Million Tons per year.

### RESOURCE CONSERVATION

When we waste food, we're also wasting all the natural resources invested in producing and transporting that food. 19% of U.S. cropland, 18% of fertilizer use, and 21% of fresh water usage is dedicated to food that goes to waste each year.

### REDUCE COSTS

For businesses, schools, and institutions, 30-50% of waste could be avoided with better food handling and composting. Since facilities typically pay according to the volume of waste they generate, they can enjoy lower disposal costs by increasing reduction and composting activities.

### **GROW ULSTER GREEN**

Composting produces compost - an organic matter resource that, when added to the soil, has many horticultural benefits! Compost can reduce the need to use chemical pesticides and fertilizers and it helps improve soil structure, the soil microbiome, increases moisture retention, adds micronutrients, and makes any soil easier to work and cultivate.

### ITS EASY!

Composting can be done at home, in an apartment, at school & in an office!



### **EVENT DATES**

PLEASE VISIT OUR WEBSITE WWW.UCRRA.ORG TO LEARN MORE

MAY 1ST JUST EAT IT: A FOOD WASTE STORY 1PM - 3PM MAY 4TH
VERMICOMPOSTING
CLASS
12PM - 1PM

MAY 7TH PICKUP SPRING COMPOST BIN & RAIN BARREL PRE-ORDER SALE 9AM - 2PM MAY 17TH INTRO TO HOME COMPOSTING 1PM - 2:30PM



### **EARTH DAY**

APRIL 22ND

# WHY IS WASTE MANAGMENT IMORTANT

BY TANESIA WHITE , RECYCLING EDUCATOR AT UCRRA 845-336-3336

### WHY RECYCLE?

### **SAVE RESOURCES**

Recycling reduces the need to extract natural raw materials and resources, disturb the land, use water and energy. Recycling reduces the environmental pollution associated with manufacturing raw materials into new goods and disposing of the items in landfills.

### **REDUCE COSTS**

Recycling reduces the total volume of waste requiring disposal, so having a great recycling program can result in cost savings!

### **GROW ULSTER GREEN**

Recycling demonstrates your commitment to the environment and your community, and consumers are aware of environmental issues and are looking to support companies that make greener choices!

### **SUPPORT GREEN JOBS**

When we recycle, it supports up to ten times more jobs than if we were to throw the item away as trash. The recycling industry employs 757,000+ Americans nationwide and these careers represent \$36 billion in wages and \$6.7 billion in tax revenue each year.

### **KNOWING YOUR RECYCLING GUIDELINES**

If you have curbside recycling pickup, you can check with your hauler to find out what is accepted and what is not.

When you use an Ulster County Transfer Station, your recyclables are delivered to UCRRA! You can reach us at 845-336-3336 or visit our website to view our dual stream recycling guide!



### **EVENT DATES**

PLEASE VISIT OUR WEBSITE WWW.UCRRA.ORG TO LEARN MORE

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### **EARTH DAY**

APRIL 22ND

# WHY IS WASTE MANAGMENT IMORTANT

BY TANESIA WHITE , RECYCLING EDUCATOR AT UCRRA 845-336-3336

### **LANDFILL**

Every day, the average American generates 4.4 pounds of waste. Our facility receives all of Ulster County's municipal solid waste (MSW). The Seneca Meadows Landfill is the final destination for MSW, where waste is buried in a sanitary manner.

Our dedicated staff works hard to ensure that hazardous waste or recyclables are not sent to the landfill. Every day, we dispatch 10-15 tractor trailer transport vehicles; each truck transports 35 tons of trash and uses 95 gallons of diesel to travel the 500 miles roundtrip to the Landfill in Seneca Fall, NY.

Last year, the transportation of this waste required 4,228 trips to move 148,000 tons! That's more than 2 million miles, or enough to circle the Earth 85 times! This long-hauling consumes a lot of fuel, which also contributes to pollution.

The Seneca Meadows Landfill is a state of the art facility, which means that extensive environmental controls are in place to reduce the environmental impact of burying garbage. It is the largest active landfill in New York State and operates under 50 Federal, State, and Local permits, ensuring environmental protection with cutting-edge technology.

### 7RS TO RETHINKING WASTE

So much of what we throw 'away' can be managed more sustainably, and it's critical that we are mindful of our waste in order to preserve landfill capacity for future generations! Refuse, Reuse, Repair, Regift, Recover, and Recycle! Be aware of the lifespan of products so you can make more sustainable choices!



### **EVENT DATES**

PLEASE VISIT OUR WEBSITE WWW.UCRRA.ORG TO LEARN MORE

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# Socios en el Programa del Compostaje. ULSTER COUNTY RESOURCE RECOVERY AGENCY

### Compóstables Organicos ESTOS ARTICULOS SON ACCEPTABLES



Residuos de alimentos: alimentos no consumidos y desperdicio de alimentos incluyendo cascaras, restos de comida cacida o cruda.





ENVASES COMPOSTABLES CERTIFICADOS

LOS ENVASES COMPOSTABLES CERTIFICADOS DEBEN SER APROBADOS POR UCRRA.

VISITE WWW.UCRRA.ORG PARA
OBTENER UNA LISTA DE
PRODUCTOS COMPOSTABLES
CERTIFICADOS.

En caso de duda, ¡Pregunte! 845-336-0600

# Contaminantes del Compostaje ESTOS ARTICULOS NO SON ACCEPTABLES



**Articulos no alimentarios:** plasticos, vidrio, metales, carton, papeles, papel encerado, adhesivos para productos agriculas, ligas, bolsas de malla para alimentos, envoltorios de condimentos, grasa, accite de cocina, etc.



999 FLATBUSH ROAD, KINGSTON, NY 12401 • 845-336-0600 • WWW.UCRRA.ORG • @UCRRA



# SPRING COMPOST BIN & RAIN BARREL SALE

HOSTED BY

**ULSTER COUNTY RESOURCE RECOVERY AGENCY** 

www.UCRRA.org/events-classes



### **PRE-ORDER ONLINE**

Choose from a wide selection of compost bin options, rain barrels, and more! Place an order through the online store and pick up at our special event...













SATURDAY MAY 7<sup>TH</sup> 2022 • 9AM-2PM UCRRA MAIN OFFICE • 999 FLATBUSH ROAD KINGSTON

Please Note: Pick up at our Bin Distribution Event (one day only)

### **Special offer for Ulster County residents:**

Included with every bin purchase is our free gift – a 2 gallon kitchen collection caddy to help make home composting clean and easy. Our educators will be distributing resources about home composting, waste reduction, and more!



(845) 336-0600 www.UCRRA.org/events-classes

Disclaimer: UCRRA does not make any warranty or representation, expressed or implied, regarding the compost bins or other equipment offered for sale by BrandBuilders, LLC. Purchasers must direct any questions, claims or disputes regarding their purchase to BrandBuilders LLC.

### ULSTER COUNTY RESOURCE RECOVERY AGENCY

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### **Legal Staff**

Kenneth Gilligan, Esq.



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Charles Whittaker, Director of Operations and Compliance
Angelina Peone, Director of Sustainability
Tanesia White, Recycling Educator
Melinda France, Office Manager
Amy Lopiano, Chief Accounting Clerk

Phone: (845) 336-0600 Fax: (845) 336-4129

Monday, June 6th 2022

### **Memo: Paint Care NY Program**

Paint disposal is now even more convenient for residents and businesses across New York State, thanks to the *New York State Paint Stewardship Law* (enacted December 16<sup>th</sup> 2019, effective May 1<sup>st</sup> 2022). This program is administered by PAINTCARE INC., a non-profit 501(c)(3) organization representing paint manufacturers (paint producers) and paint stewardship programs in U.S. states where paint stewardship laws have been adopted. Latex paint is now accepted at UCRRA's Household Hazardous Waste (HHW) Collection events. Additional Paint Care sites have been established across NY and the list is growing! The UCRRA Recycling Outreach Team encourages residents to utilize these options for easy, convenient, free paint disposal. Residents with additional hazardous waste should request an appointment to participate in our HHW program. **Additional PAINTCARE drop-off sites include:** 

### **Sherwin-Williams**

568 Albany Ave Kingston, NY 12401 (845) 339-6994

### **Herzogs True Value Home Center**

151 Plaza Rd Kingston, NY 12401 (845) 338-6300

### **Sherwin-Williams**

684 Dutchess Tpk Poughkeepsie, NY 12603 (845) 486-4640

### **Herzogs Paint Centers**

409 Manchester Rd Poughkeepsie, NY 12603 (845) 471-0133

Who Can Use This Program: Households and Businesses

**Restrictions:** *Limit 5 gallons per visit.* 

**Hours**: Paint is accepted during regular business hours; Call ahead for hours and additional info. **Note:** These sites accept latex and oil-based house paint, stains and varnish in containers up to 5 gallons in size. These sites do not accept aerosols (spray paint or other spray products),

containers without original labels, or containers that are leaking or empty.

Questions about Paint Care? Contact Kelsey O'Toole, Upstate NY Paint Care Program Coordinator at (315) 418-6520 or email <a href="mailto:kotoole@paint.org">kotoole@paint.org</a>

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The Week of June 17th is Waste and Recycling Workers Week! Created in 2012 by John D. Arwood, Waste & Recycling Workers Week is a 501(c)(3) nonprofit organization dedicated to lifting up and celebrating the men and women of the waste and recycling industry. The Vision of the organization seeks "a world where every man and woman in the waste industry is respected and celebrated for the important work they do in service to our communities".

During this special week, Ulster County Resource Recovery Agency joins hundreds of industry leaders across the nation who wish to celebrate the incredible workforce that supports the essential public service of materials management. Working in our industry is too often a thankless job, though no one can deny the important benefits to public health and our environment when waste and recyclables are managed correctly! With your support, proper sanitation practices help keep our communities clean and free of litter, increases recycling and waste reduction, and improves the lives of the residents we serve every day. UCRRA recognizes the dedication it takes to support our mission and we thank you for all you do!



Ulster County Resource Recovery Agency presents

### **JUST EAT IT: A Food Waste Story**

"Delicious entertainment - you'll never look at your fridge the same way again"

SUNDAY

May 1<sup>st</sup> 2022

Celebrating Compost

Awareness Week!

THE OPRPHEUM
THEATER
156 MAIN STREET

**SAUGERTIES NY** 

FREE ADMISSION

1:00 PM

A panel style Q&A about local composting initiatives will follow the documentary. Visit the Compost Awareness Week outreach table for more information about reducing wasted food, backyard composting and more!



For more details about the film visit www.UCRRA.org/events-classes/



# UCRRA Celebrates Compost Awareness Week



# SPRING COMPOST BIN & RAIN BARREL SALE

Ulster County Resource Recovery Agency has partnered with Brand Builders LLC. to offer our 2022 Spring Compost Bin and Rain Barrel Sale!

The sale features various options for backyard compost bins, tumblers, vermicompost bins, enclosed bins, the Green Cone, the Geobin, compost turning tools and more!



### This program is a pre-order sale:

Place an order through the online store and pick up ONE DAY ONLY at our special event:

### SATURDAY MAY 7<sup>TH</sup> 2022 9AM-2PM UCRRA MAIN OFFICE 999 FLATBUSH ROAD KINGSTON

### Special offer for Ulster County residents:

Included with every bin purchase is our free gift – a 2 gallon kitchen collection caddy to help make home composting clean and easy. Our educators will be distributing resources about home composting, waste reduction, and more!

# Recipe for Regeneration: COMPOST



International Compost Awareness Week (ICAW) is celebrated each year during the first full week of May, with the goal of raising awareness about the many benefits of making and using compost in communities everywhere! The 2022 theme for ICAW highlights compost's role in regenerative agriculture practices.





### www.UCRRA.org/events-classes

# Intro to Home Composting

### Tuesday, May 17<sup>th</sup> 1:00pm-2:30pm

- SCIENCE BEHIND HOW COMPOSTING WORKS
- Benefits of Organics Recycling
- WHAT MATERIALS SHOULD & SHOULD NOT BE COMPOSTED
- TIPS & TRICKS TO AVOID PESTS & ODORS
- WHY USING COMPOST IS BENEFICIAL FOR SOIL HEALTH

#### **GUEST SPEAKERS INCLUDE:**

Angelina Brandt, Director of Sustainability and
Tanesia White, Recycling Educator at the Ulster County Resource Recovery Agency

### REGISTRATION REQUIRED

Register through our online calendar:

http://plattekill.lib.ny.us



LIVE WEBINAR

# Vermicomposting: Composting With Worms!

TUESDAY, JUNE 7, 2022 6:00 PM TO 7:30 PM **PRESENTERS ARE:** 

- ► ANGELINA BRANDT, UCCRA DIRECTOR OF SUSTAINABILITY
- ► TANESIA WHITE, RECYCLING EDUCATOR

NEW PALTZ CLIMATE SMART SOLUTIONS MEETUP







# MUNICIPAL WASTE REDUCTION AND RECYCLING PROJECT PROGRESS REPORT FORM - Recycling Coordination/Education Projects

A Progress Report is due in conjunction with payment requests. You may use this form, or your own form using a similar format. Use additional sheets if necessary.

Grantee:	Ulster County Resource Recovery Agency	Contract No.	DEC01-C01426GG- 3350000
Period covered by this report:		July 1st - Septem	ber 30 <sup>th</sup> 2022
	Person completing this report:	Angelina Brandt	, Director of Sustainability

1. Describe the activities from the contract Scope of Work which were completed during the time period of this report.

Work Plan Objective	Progress This Quarter	Details
1. Addresses recycling complaints about businesses, apartments, and institutions, and promotes awareness of local recycling requirements and recycling guidelines to reduce contamination,	<b>√</b>	<ul> <li>Agency staff received, documented, and evaluated complaints from residents regarding recycling compliance issues.</li> <li>The Recycling Outreach Team (ROT) promoted awareness of recycling requirements by maintaining website resources and discussing recycling requirements during tours, presentations, site visits, etc. The ROT also promotes Recycle-Right-NY resources and messages to reduce contamination.</li> </ul>
2. Completes planning unit reports related to measuring and tracking regulated recyclable materials, electronics recycling, organics recycling, household hazardous wastes,	<b>✓</b>	Some work was completed on the draft Local Solid Waste Management Plan Biennial Update for year 2022 during this quarter (ongoing).
3. Conducts site visits and consultation services to implement or improve existing recycling, composting, or waste reduction programs,	•	July The ROT visited the Town of Wawarsing (7/27), Town of Gardiner (7/30), and Town of Rosendale (7/30) Transfer Stations to distribute recycling education information. The Team also visited the Village of Ellenville Village Hall (7/27) and Gardiner Town Hall (7/30) to distribute recycling information.  August None this month
		<ul> <li>September</li> <li>9/20 Site Visit to RBW Studio &amp; Production (Kingston NY) to advise on waste reduction and company-wide composting solutions.</li> </ul>

4.Updates/distributes program media such as guides, brochures, contacts lists, flyers, posters, recycling bin stickers, signs, or other media and promotional items to aid in recycling/composting programs,		<ul> <li>The ROT worked on updating several fliers/resources and created new media, such as the new "Eco Friendly Home Booklet", the "Home Composting Guide" Spanish Translation, the Ulster County "Master List of Food Waste Management Services" updated September 2022, a new "Ulster County Composts" map of residential drop off sites, a new "Oceans of Possibility - Plastic Free July" Display and several new promotional items for youth and adults.</li> <li>Upon request, the Recycling Outreach Team (ROT) mails media kits to local community groups, businesses, or local government, etc. A total of 10 total media kits were requested this quarter.</li> <li>During facility tours and presentations, the ROT distributed media kits to all visitors or program participants.</li> <li>Print copies of program media is available at the Main Office.</li> </ul>
5. Markets the availability and use of finished compost, and maintains US Composting Council Seal of Testing Assurance Program,	•	<ul> <li>Results from June 2022 compost testing yielded good results. June test results were received and reviewed in July and were posted to UCRRA website.</li> <li>Compost was sampled and sent for testing again in September.</li> <li>The Agency complied with all requirements of the USCC Seal of Testing Assurance Program.</li> <li>Staff participated in planning meetings to discuss and coordinate the launch of the bagged compost product and worked with website developer to establish an online store that the bagged compost can be sold and marketed through.</li> </ul>
6. Acts as liaison for UCRRA Partners in Composting Program and UCRRA Dual Stream Recycling Program, and strives to increase public participation in both programs,	<b>✓</b>	The ROT visited several Town Transfer Stations during this quarter, to distribute recycling education information and promote composting services.
7. Facilitates presentations and workshops for businesses, schools, community groups, youth groups, and residents, to promote recycling, waste reduction, reuse, up- cycling, and composting,	•	<ul> <li>July         <ul> <li>07/21"Oceans of Possibilities: Upcycling Art for Kids" at the Town of Rosendale Public Library</li> <li>07/25 Informational Meeting for UCRRA Municipal Food Scraps Hauling Pilot Project</li> <li>07/27 "Eco Friendly Home: DIY Cleaners &amp; More" at the Ellenville Public Library</li> <li>07/27 "Oceans of Possibilities: Upcycling Art for Kids" at the Ellenville Public Library</li> </ul> </li> <li>August         <ul> <li>None this month</li> </ul> </li> <li>September         <ul> <li>None this month</li> </ul> </li> </ul>

8. Tables at community events and fairs, and facilitates special recycling events for compost bin sales, or other recycling events,	•	August  O8/04 the U	Ask the Experts Outreach Booth at the Phoenicia Farmers
9. Conducts facility tours of the Material Recovery Facility, the Organics Recovery Facility, the Sustainable Living Center, and the home composting demonstration garden,	<b>✓</b>	<u>August</u>	
10. Promotes recycling/waste reduction/composting messaging through UCRRA website, social media, e-newsletters, podcasts, newspaper, radio advertising, bus ads, or other means of communication,	•	Social Media	July Summertime Sustainability Tips & upcoming events. Celebrating Plastic Free July Challenge and tips for reducing plastic waste, raising awareness of plastic pollution, etc.  August Summertime Sustainability Tips & Recycle Right NY - Back Plastic is not recyclable. Celebrating 10 Years of Composting at UCRRA and promoting composting services.  September Back-to-School Sustainability Tips & upcoming UCRRA Events (Electronics Recycling, HHW, Fall Classes). Recycle Right NY – Tanglers.
		Radio	July 15 sec "Plastic Free July 2022" 30 sec "What Happens to Trash 2022"  August None this month  September None this month  July 07/22 – Reduce Plastic Waste message in Hudson Valley One

	August
	None this month
	NOTIC UTIS HIGHUI
	September
	None this month
News	View all blog articles linked here.
Letter	view all blog articles linked here.
/Blog	lulu.
/ DIOS	July
	• 7/11 Summer Newsletter sent to 4,131 subscribers.
	View the <u>Summer newsletter linked here.</u>
	New blog article "How to Throw an Eco-Friendly     ""
	Summer Party"
	New blog article "Sustainable Summer"
	August
	None this month
	<u>September</u>
	• 9/06 New Blog "Winter Composting"
	• 9/12 UCRRA Fall Newsletter was sent to 4,315
	subscribers. View the Fall newsletter linked here.
Web	July
	None this month
	August
	The Recycling Outreach Team reviewed the website
	for updates and made several improvements to the
	A-to-Z Recycleopedia, FAQ resources, etc.
	September
	The Recycling Outreach Team reviewed the website
	for updates and created a new webpage to archive
	LSWMP & Biennial Updates and updates to our
	Resource pages for Businesses, Schools, Landlords,
	Home Composting, Food Scrap Drop Off Locations.
Other	The Deciviling Outreach Teams recognized to greations
Other	The Recycling Outreach Team responded to questions
	and inquiries through social media, the Recycling
	Hotline, direct emails, and through the contact us
	submissions through UCRRA website.
	Other communication strategies include:
	other communication strategies include.
	August
	8/18 Recorded two new PSAs in partnership with
	Radio Kingston. The PSAs are related to UCRRA's 10
	Year Composting Anniversary and the

		Recycleopedia/Reuse/Repair resources on the UCRRA website.
		08/23 U.S. Postal Service Every Door Direct Mail     (EDDM) initiative to residents and businesses within     1 mile of UCRRA, regarding the benefits of using finished compost and UCRRA Compost Operations
11. Attends and participates in conferences, seminars, and groups or meetings related to regional recycling, organics, waste reduction, or product stewardship initiatives	•	<ul> <li>08/04 meeting with Sustainable Hudson Valley regarding the Regional Climate Action Strategy (Materials Management Maps)</li> <li>09/06 Professional Development (Webinar) PFAS in Packaging NYS Law hosted by NYS Department of Environmental Conservation</li> <li>9/07 Professional Development (Webinar) Webinar: Reuse Centers: Creating Local Community Connections hosted by the North East Recycling Council</li> <li>9/07, 9/14, 9/21, 9/28 Professional Development (Course Audit) Beyond Plastic Pollution hosted by Bennington College</li> <li>9/20 Professional Development (Webinar) Solar Panel Recycling EPR</li> </ul>
12. Plans, implements, directs, and reports on the Agency's Household Hazardous Waste Program and promotes awareness of safe disposal practices and alternatives to household hazardous wastes	<b>✓</b>	Agency staff coordinated all necessary documentation and planning to facilitate the 2022 Household Hazardous Waste Collection Program.  The Agency will host four events in 2022  Sat. April 30th in NEW PALTZ  Sun. June 26th in KINGSTON  Sat. August 20th in NEW PALTZ  Sun. October 23rd in KINGSTON

2. List the work products from the contract which were completed. Provide copies of any completed work products, if applicable.

The following items are presented as a Media Sample for this quarter -

- Miscellaneous program photos
- New media including "Eco Friendly Home Booklet", the "Home Composting Guide" Spanish
  Translation, the Ulster County "Master List of Food Waste Management Services" updated
  September 2022, a new "Ulster County Composts" map of residential drop off sites, a new "Oceans
  of Possibility Plastic Free July" Display and several new promotional items for youth and adults.
- Ulster Publishing ad promoting Plastic Free July
- June 2022 (as well as historical) compost test results are available on the Agency's webpage https://ucrra.org/compost-for-sale/compost-test-results/
- Samples of social media content can be viewed on the Agency's <u>facebook page linked here</u> <u>Instagram account linked here</u>, <u>and Youtube channel linked here</u>
- Newsletters from Summer and Fall. Summer newsletter linked here. Fall newsletter linked here.
- NEW webpage edits and updates to several new webpages.
- Radio Ads July, August, September
- Miscellaneous class/event fliers
- PDF copies of the presentations and reports described here are available upon request (large file size)

### 3. Add any other information to help evaluate the success of this project.

The Recycling Outreach Team (ROT) successfully completed 12/12 tasks under this project this quarter. The ROT collects program tracking data to help evaluate the success and reach of the program and strategies used to meet the project objectives. A total of 221 adults and 65 youth directly participated in programs associated with this project this quarter, totaling 17 hours of direct community engagement in educational workshops and tours. The ROT conducted 4 public speaking events, participated in 3 special events, facilitated 2 guided tours of the recycling and composting facility, and participated in 1 interview. A large focus on outreach initiatives this quarter was celebrating Plastic Free July and UCRRA's Ten Year Composting Anniversary. The Recycling Outreach Team responded to questions on the Agency's recycling hotline. The ROT tracked 489 recycling-related phone calls, totaling approximately 36.65 hours of educational service over the hotline.

The Recycling Outreach Team grew its social media audience by about 1% on each of the Agency's account. By the end of the quarter, there were 1149 followers on Facebook, and 995 followers on Instagram. By the end of the quarter, the Agency's Youtube Channel had 408 total views, or 8.9 hours of viewing. The number of newsletter subscribers also increased, totaling 4,315 by the end of the quarter. The Recycling Outreach Team continues to look for new tools and innovative methods to reach a wider audience and enhance program offerings that inform and help improve local waste reduction, recycling, and composting programs.



(ABOVE) An "Oceans of Possibilities" themed educational display is staged at the Town of Gardiner Public Library for the month of July, celebrating Plastic Free July.

### (BELOW) Upcycled sea creatures made during UCRRA programs

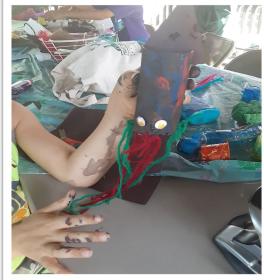


















(LEFT)
UCRRA
booth at
the
Kingston
Farmers
Market.

#### **Ulster County Resource Recovery Agency**

Conectando Comunidades a través del Compostaje

HAZ CRECER ULSTER VERDE



999 Flatbush Road Kingston NY 12401 • 845-336-0600 • WWW.UCRRA.ORG • @UCRRA

Este folleto fue creado por la Agencia de Recuperación de Recursos del Condado de Ulster, hecho posible con el apoyo del Departamento de Conservación Ambiental del Estado de Nueva York y el Fondo de Protección Ambiental del Estado de Nueva York.

#### Ulster County Resource Recovery Agency

Nuestra misión es proteger la salud pública y el medio ambiente y promover prácticas sostenibles de manejo de materiales en el Condado de Ulster, mediante el manejo eficiente de materiales de desecho sólidos con un enfoque en la conservación de recursos.

Por más de 30 años, la Agencia de Recuperación de Recursos del Condado de Ulster (UCRRA) ha estado desarrollando e implementando programas de manejo sostenible de desechos para el Condado de Ulster. UCRRA no sólo es una autoridad de residuos sólidos, también es una corporación de beneficios públicos y una instalación de residuos sólidos permitidos, que gestiona todos los residuos municipales generados en el Condado de Ulster.

#### UCRRA Instalación de Recuperación de Productos Orgánicos

UCRRA opera una operación de compostaje industrial que se inauguró en 2012 como un pequeño proyecto piloto. El Organics Recovery Facility procesa desechos de alimentos de socios comerciales como restaurantes, negocios y escuelas. Fabricamos un producto de compost certificado por el STA del Consejo de Compostaje de Estados Unidos de alta calidad, producido de forma sostenible, que vendemos a granel y en bolsas de 1 pie cúbico.

#### El Equipo de Alcance de Reciclaje de UCRRA

¡El Equipo de Alcance de Reciclaje de UCRRA está disponible para ayudar a mejorar o implementar programas de reducción de desechos para residentes, edificios de apartamentos, negocios y escuelas! Nuestro equipo proporciona programación profesional y con conocimientos gratuitos y se dedica a proporcionar servicios esenciales no sólo para gestionar los residuos, sino también para reducir, reutilizar y repensar los residuos.

Comuníquese con UCRRA (845-336-0600) para preguntar sobre nuestros programas.



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#### ¿Por Qué Compostar?

¡El compostaje tiene muchos beneficios!

El Compostaje en el patio tresero es una forma fácil y eficaz de gestionar los restos de alimentos en casa de una manera ambientalmente sostenible. Los materiales orgánicos, como los recortes de hierba y hojas y los restos de alimentos, son altamente reciclables a través del compostaje y el producto final, el compost, se puede utilizar en jardines domésticos, en granjas, césped o agregado a plantas en maceta.

El 40%
de los alimentos
producidos en los
Estados Unidos
nunca se comen

El valor de este alimento desperdiciado se estima en \$161 mil millones de dólares anuales o \$1500 dólares anuales para una familia de cuatro personas

Los estadounidenses generan más de 250 millones de toneladas de residuos sólidos municipales cada año

Los alimentos representan el 15% del total de residuos

Los residuos alimentarios

constituyen el mayor componente (22%) del material enterrado en vertederos

(en todo el país)

En el vertedero, los residuos alimentarios se degradan anaeróbicamente y crean

#### metano,

un gas de efecto invernadero más potente que el dióxido de carbono

#### Los restos de alimentos

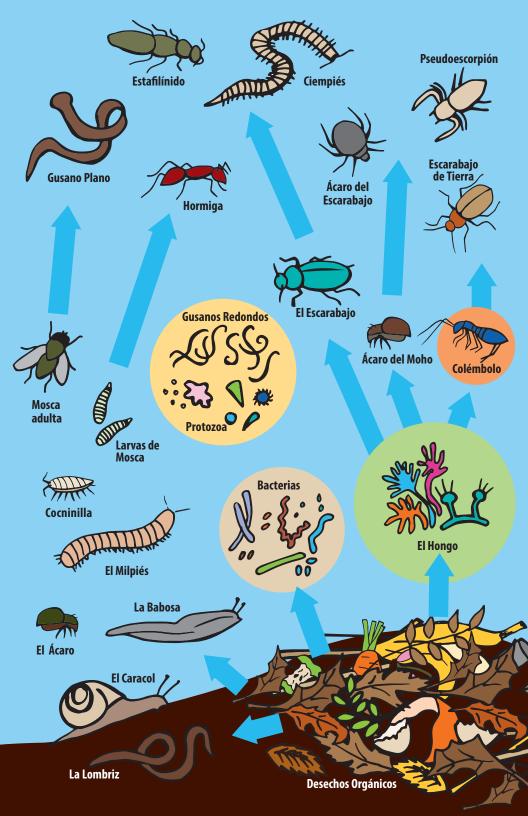
son un material natural valioso que se puede reciclar en el compost

(un recurso de materia orgánica)

En el Condado de Ulster,
cada camión enviado al vertedero viaja
480 millas de ida y vuelta. ¡Al compostar
materiales orgánicos, UCRRA puede reducir
el transporte de residuos, el cual conserva
combustible, ahorra dinero y reduce la

"huella de carbono"





#### ¿Qué es el Compostaje?

El compostaje es un proceso natural en el que los materiales orgánicos (como los restos de comida, los recortes de hierbas y el excremento de animales) se mezclan y administran de manera controlada. Una red de organismos del suelo trabaja para descomponer los materiales vegetales. A medida que los organismos del suelo descomponen los materiales, la pila de compost se calienta. Al proporcionar un manejo consistente para los procesos químicos, físicos y biológicos en el trabajo, los compostadores crean un ambiente ideal para que los organismos del suelo prosperen, y el producto final se llama compost.

#### ¿Qué es Compost?

El compost es un material desmenuzado y oscuro que se ve y huele a suelo, pero no es suelo. El compost es un humus natural alto en materia orgánica, microbios del suelo, y micronutrientes de la planta. El compost se puede utilizar para plantar árboles, arbustos, flores, verduras; puede ser utilizado en césped, sembrado directamente en campos y lechos de jardín, o utilizado en plantas en maceta. El compost ayuda en la retención de humedad del suelo, mejorando la estructura del suelo, y tiene muchos otros usos y beneficios hortícolas.

#### 'Mitos' Sobre el Compostaje

Usted puede haber oído que los montones de compost atraen plagas y crean olores en su patio trasero. Estos problemas se pueden evitar fácilmente conociendo algunos consejos simples. O usted puede pensar que el compostaje es complicado, pero cualquiera puede tener éxito en el compostaje en casa aprendiendo "lo básico." O tal vez crees que el compostaje en casa ocupa mucho tiempo y espacio al aire libre. Hay muchas maneras de hacer compost, y cada papelera o método tiene pros y cons. Compostaje sucede, con o sin mucho "alboroto" pero el compostaje exitoso toma un poco de TLC. ¡No hay una manera correcta o incorrecta de hacerlo, y la mejor manera de aprender es simplemente empezar!





#### La Verdura

Los "verdes" son materiales vegetales frescos, húmedos y ricos en nitrógeno que típicamente se descomponen rápidamente y deben mezclarse o cubrirse con una gruesa capa de marrones. Todos los desechos de alimentos y algunos desechos de patio se consideran "verdes." Además de añadir nitrógeno, los verdes suelen añadir humedad. Consejo: Entierre o cubra siempre sus trozos de comida completamente para que no haya comida en la capa superior del compartimiento o pila de abono. Esto ayuda a reducir los olores, las plagas y controlar la humedad.

Composte estas verduras: Restos de alimentos que incluyen: restos de verduras y frutas no comestibles (núcleos, pieles, extremos, etc.), posos de café, filtros de café, bolsas de té (alimentos básicos eliminados), pan rancio, cáscaras de nueces, cáscaras de huevo, alimentos cocidos sin comer como arroz, pasta, etc. Otros "verdes" del jardín incluyen: recortes de hierba, hojas de plantas frescas y recortes, malezas (sin semillas). Los manures de animales también se consideran verdes: pollo, conejo, cerdo, cabra, oveja, vaca, estiércol de caballo mezclado con ropa de cama de animales naturales.

**Evite el compostaje de estas verduras:** mantequilla, grasas, aceites para cocinar, carnes (cocidas o crudas), huesos, restos de pescado, leche o productos lácteos, aderezos para ensaladas, alimentos cocinados con aceites/salsas excesivos, semillas de verduras/frutas, agua de fregar, etc.

**Nunca composte estos**: Plantas enfermas, plantas tratadas químicamente o recortes de hierba, malas hierbas con semillas de malezas, etc abono degato, perro, o de aves o arena para gato.

El A**ø**ua

El agua es tanto una entrada como una salida durante el proceso de compostaje, por lo que los niveles de humedad siempre cambiarán. La humedad depende de la mezcla de materiales que se compostan, y si su pila está expuesta al clima. Siempre busque humedad al agregar nuevos materiales. Es posible que necesite agregar agua si la pila está seca. O puede que necesite agregar materiales más secos (marrones) si la pila de compost está demasiado húmeda. Esta no es una ciencia exacta, pero una buena regla general es apuntar a un 45-60% de humedad, lo suficientemente húmeda como para que un puñado de material se sienta húmedo, pero lo suficientemente seco como para que un apretón duro produzca una o dos gotas de agua.

Baja humedad = descomposición lenta, los microbios del suelo entran en latencia Alta humedad = descomposición lenta, pila densa o compactada, olores y lixiviación de nutrients Recet equilibrar y ve Para maximiz

de compost los olores, mo marrones 1 partes

#### Los Marrones

a para

zar el proceso aje y reducir

ezcle 3 partes

por cada

verdes.

Los "marrones" son materiales vegetales secos, leñosos y ricos en carbono que típicamente se descomponen muy lentamente. Además de añadir carbono, los marrones también añaden buena estructura y porosidad a la mezcla de compost, permitiendo que el aire fluya libremente a través de la pila.

Consejo: piezas más pequeñas = compostaje más rápido.

Composte estos marrones: Desechos de jardín incluyendo: hojas secas, ramas pequeñas (ramitas, palos, piñones, agujas de pino, etc.), astillas de madera natural/serrín, tierra, mezcla para maceta vieja, heno, paja, tallos de maíz, etc. Otros "marrones" incluyen: Cartón (triturado, sin cinta/tintes), cartón sin cubrir (rollos de papel toalla, rollos de papel higiénico, etc.) papel triturado, periódico (sin papel brillante o tipo revista), toallas de papel limpias/servilletas (sin productos guímicos).

Nunca compost estos: Plantas enfermas o tratadas químicamente, o residuos vegetales con semillas de maleza, cenizas/carbón, carbón vegetal, madera tratada/pintada, productos de mantillo de colores, cartón encerado, papel brillante, toallas de papel con productos químicos de limpieza, envases compostables.

#### El Aire

El compostaje es un proceso aeróbico, lo que significa que requiere oxígeno. El aire debe ser capaz de moverse libremente a través de la pila o puede convertirse en anaeróbico, lo que conduce a olores sucios y otros subproductos químicos que pueden ser perjudiciales para las plantas. Mezclar o girar manualmente el material con una cuchilla, pala o herramienta especializada para añadir aire, o para airear, la pila de compost. Algunos sistemas de compost airean pasivamente por el diseño de la papelera.

Al girar las pelusas, se sueltan las áreas compactadas, se mezcla el material para mezclar mejor los marrones con los verdes, y se recarga el proceso de compostaje con aire fresco. Girar la pila también puede ayudar a controlar la humedad, liberar gases atrapados y revitalizar el proceso.

#### ¿Con qué frecuencia debe girar la pila?

Gire la pila tan a menudo como pueda o siempre que tenga el tiempo. Una vez al mes es encomiable, pero más importante aún, considerar girar de acuerdo a las condiciones de la pila o al agregar nuevo material.

#### Métodos de compostaje: Elegir una Ubicación Bin y Bin



#### Contenedores Cerrados

#### **Pros**

- Un recipiente completamente cerrado ayuda a disuadir a las plagas y mantiene un aspecto agradable y limpio
- !Hay muchas opciones para las papeleras vendidas comercialmente o usted puede hacer su propio contenedor usando alambre de pollo o un viejo bote de basura
- SUGERENCIA: Cuando sea posible, la parte inferior del compostador debe establecer contacto directo con el suelo
- Una buena opción para: 1-2 personas con una pequeña cantidad de residuos de patio y espacio exterior limitado

#### Contras

- Lo mejor para el compostaje de estilo por lotes (Una vez que esté lleno tendrá que esperar para agregar más, o utilizar más de un contenedor)
- Una vez llenos, estos conteneobres pueden llegar a ser difíciles de girar y cosechar el compost terminado
- Tamaño pequeño = no es ideal para alguien con muchos yesiduos de patio
- Bote completamente cerrado = monitoree la seguedad de la pila



#### Tumblers de Compost

Los tumblers tienen todos los mismos pros y contras que los contenedores de compost encerrados. Además, considere estas características...

#### **Pros**

- Los tumblers ofrecen una forma más eficiente de voltear el material en lo alto del suelo (no se necesitan otras herramientas de torneado)
- Una buena opción para: Compostaje urbano, 1-2 personas con una pequeña cantidad de residuos de patio y espacio exterior limitado

#### Contras

- Los tumblers normalmente cuestan más que otros contenedores estacionarios
- Una vez llenos a la capacidad, estas unidades se vuelven difíciles de girar
- Desgaste por uso las manijas se oxidan, se caen, etc.

¡Hay muchas maneras diferentes de compostar! No existe una forma 'correcta o incorrecta' de decidir qué tipo de contenedor utilizar — las consideraciones importantes son: ¿cuánto y qué tipos de materiales tiene que compostar y cuánto dinero y tiempo desea gastar en compostaje?



#### Tres Sistemas de Contenedores

#### **Pros**

- Muchas opciones de diseño de bricolaje (hechas de paletas, bloques de ceniza, pantallas de malla, etc.)
- La forma del sistema de compost hace que la pala/torneado sea más fácil
- Le permite almacenar los residuos del patio mientras todavía tiene un compartimento de mezcla para el compostaje activo, y un lugar para almacenar el compost terminado
- Puede manejar mucho material, pilas más grandes = compostaje caliente
- · Compostaje terminado fácil de cosechar
- La pila está abierta al clima y a los elementos = menos riego
- Una buena opción para: jardineros con muchos desechos de jardín, familias grandes, programas de compostaje en grupo

#### Contras

- Estructura permanente, difícil de mover
- El torneado requiere más mano de obra
- La pila está abierta = necesita más mantenimiento para prevenir las plagas



#### Pilas/Montones de Compost

#### **Pros**

- ¡Sin costes de puesta en marcha! Todo lo que necesita es una herramienta para girar la pila
- Puede manejar mucho material, pilas más grandes = compostaje en caliente
- La pila está abierta al clima y los elementos = menos riego
- Una buena opción para: compostaje de bajo presupuesto, jardineros con muchos desechos de jardín, familias grandes, programas de compostaje en grupo

#### Contras

- Apariencia desordenada
- La pila está abierta = necesita más mantenimiento para prevenir plagas

Para un compostaje rápido y caliente, el tamaño ideal de la pila de compost es de 3 pies x 3 pies x 3 pies.

#### Elegir Una Ubicación Bin y Bin



#### Vermicompostaje

#### Pros

- Bajo mantenimiento ¡los gusanos hacen el trabajo por usted!
- Se puede hacer en interiores, durante todo el año
- Muchas opciones para recipientes comerciales o puede hacer sus propios recipientes usando recipientes de almacenamiento viejos
- Produce un 'Té de Abono' que se puede utilizar para regar plantas
- El 'vermicompost' tiene como rosulyado un abono rico en nutrients de alta calidad
- Una buena opción para: habitantes de apartamentos, familias con niños, personas con una pequeña cantidad de desechos de jardín, escalable para compostaje grupal como en aulas o edificios de oficinas, compostaje de invierno

#### Contras

- No es una buena manera de manejar los desechos de jardín
- Los gusanos no pueden comer todo (cítricos, carne/huesos, lácteos, etc.)
- Debe picar los alimentos en trozos más pequeños
- La recolección del abono requiere mucha mano de obra (debe clasificar los gusanos del abono)
- Los contenedores mal manejados pueden producir olores y moscas de la fruta



#### Bokashi

Bokashi es un método de fermentación de 'encurtir' restos de alimentos en un cubo sellado, ayudado por una 'mezcla de bokashi'. Bokashi tiene la mayoría de los mismos pros y contras que vermicompostaje. Además, considere estas características ...

#### **Pros**

- Puede manejar carne, pescado, huesos, grasas, lácteos, grasa y otros materiales difíciles de composter
- Una buena opción para: compostadores avanzados, compostaje de invierno y compostadores de 'cero residuos'

#### Contras

- Necesidad de comprar o hacer su propia mezcla de bokashi
- Es más probable que tenga algunos olores
- No es un sistema de compostaje independiente, el producto final debe agregarse a otro sistema de compostaje

Estas opciones cubren los contenedores básicos, ¡pero hay muchos estilos de contenedores de compost y otros métodos de compostaje, como el compostaje de zanjas y los digestores!

#### ¿Dónde Debería Emplazar Su Compost Bin?

La conveniencia es clave: ¿hasta dónde está dispuesto a caminar para tirar sus restos de comida o desechos de jardín, para agregar agua o para acceder a herramientas? ¿Qué piensan tus vecinos sobre el compostaje? ¿Quieres compartir el acceso al compost con ellos? Consejo: el compostaje de invierno es más exitoso cuando el contenedor o la pila se coloca contra un parabrisas como una cerca o una dependencia. El compostaje se puede hacer en áreas sombreadas o con luz solar directa (aunque las áreas soleadas pueden secar la pila de compost).

#### ¿Qué Tan Pronto Se Terminará El Compost?

El compostaje lleva tiempo. Ciertas técnicas de gestión pueden acelerar el proceso. Con una buena gestión, el compostaje puede tardar tan solo 4-8 meses. Con una gestión más pasiva y materiales más obstinados, el compostaje puede tardar de 1 a 2 años.

#### ¿Ya Está Hecho?

El compost terminado es oscuro, desmenuzable y huele a tierra. El compost necesita tiempo para descansar, o madurar, antes de que esté listo para usar (incluso cuando parece compost terminado, aún puede ser inmaduro). El uso de compost antes de que esté listo puede dañar las plantas. Si los materiales 'marrones' no se descomponen por completo, puede reducir temporalmente la cantidad de nutrientes disponibles para las plantas. Si los materiales 'verdes' no se descomponen por completo, pueden producir productos químicos naturales no deseados o desequilibrados como los ácidos orgánicos que pueden ser dañinos para las plantas. El compost inmaduro también puede contener semillas de malezas.

Pruebe la prueba del frasco para ver si su compost está listo. Coloque una pequeña cantidad de compost en un frasco de vidrio, agregue suficiente agua para cubrir el compost y luego selle la tapa durante siete días. ¡Cuando abres el frasco, si el compost huele bien y terroso, listo!

Antes de usar el compost, déjelo secar y descanse en una pila pequeña o en una lona al sol durante unas semanas.

#### Es Tan Fácil Como 1,2,3

Paso 1: Reúne marrones y verdes. Recoja restos de comida con una lata de café vieja, un cubo o un caddy de cocina comprado en la tienda. ¡Corta los restos en trozos pequeños! Almacena tus marrones. Consejo: ¡Embolsa las hojas hasta que estés listo para usarlas!

Paso 2: Mezcle o cubra marrones y verdes. Coloque marrones en un nido en su contenedor o pila. Luego, agregue verdes en el centro y cubra con otra capa de marrones. Esto se llama 'compostaje de lasaña'. Para los baños, mezcle manualmente los materiales en lugar de trabajar en capas.

Paso 3: ¡Muestra un poco de TLC! Agregue agua y / o gire la pila de compost según sea necesario.

Guía de s	Solución de Pr	oblemas de Compostaje en el Hogar			
El Síntoma	Posibles Problemas	La Solución			
La Pila Omontón tiene	El material está demasiado húmedo y compactado, o no tiene suficiente 'marron'	Agregue materiales secos (hojas secas, astillas de madera, paja o papel rallado) para equilibrar la humedad. A continuación, gire el montón para añadir aire. Si utiliza una papelera pequeña, introduzca agujeros en la pila con una escoba vieja o herramienta y deje la tapa fuera de la papelera.			
Mal Olor	Materiales incorrectos en la pila	Mantenga la carne, el pescado, las grasas y los huesos fuera. Grandes canti- dades de alimentos cocinados pueden causar olores. Asegúrese de cubrir o enterrar siempre bien los restos de comida.			
	Presencia de agua estancada	Elimine los charcos o el agua estancada.			
Mosquitos o Moscas  Materiales incorrectos en la pila		Remezcla la capa exterior del material en el centro caliente de la pila para que cualquier larva de mosca sea destruida. Las moscas pueden indicar que los restos de alimentos están demasiado expuestos y no están suficientemente enterrados. Mantenga alimentos altamente putrescibles (carnes grasas, huesos. etc.) y asegúrese de cubrir o enterrar siempre bien los restos de comida.			
Earwigs, las babosas, los ácaros, u otros insectos	No hay problema - Pile está compostando correctamente	Los insectos son una buena señal de una pila de compost productiva. Sin embargo, si hay una gran población de un insecto, la red alimentaria de compost podría estar desequilibrada. Remezcle la capa exterior de material en el centro caliente de la pila para que cualquier larva de mosca sea destruida.			
Plagas	Materiales incorrectos en la pila	Mantenga la carne, las grasas, los huesos, etc. fuera del contenedor y cubra bien los restos de comida.			
(mapaches, ratas, osos, etc.)	Los restos de alimentos están expuestos o no están lo suficientemente bien contenidos	Corte los alimentos en trozos pequeños para que se descompongan más rápido. Contenga el abono fijando el recipiente en el suelo, o cubriéndolo con una lona y ladrillos, etc. Nunca deje los restos de comida expuestos — entierre o cubra siempre con 'marrones'.			
	El material es demasiado seco o no hay suficientes verduras (nitrógeno)	Use un guante de jardinería y apriete un puñado de material; ¿Está húmedo? Si está demasiado seco, use una manguera o una regadera para agregar un poco de humedad. Si el material está demasiado seco, también es posible que no haya suficientes 'verdes' en la mezcla.			
La pila de compost	El montón es demasiado pequeño	El tamaño de pila ideal para el compostaje activo es de 3'x3'x3'. Las pilas más pequeñas no se calientan. Agregue más material o aísle los lados y la parte superior del compartimiento/pila.			

#### no se está Clima fresco Consulte Soluciones para Clima fresco. calentando/

#### nada se está Piezas más pequeñas = compostaje más rápido. Asegúrese de que los restos Artículos grandes y sin de comida se corten en trozos de 1-3 pulgadas y que los desechos del patio descompodescomponer niendo se descompongan o trituren tanto como sea posible. ¡Si se ve oscuro, desmenuzado y huele a tierra puede ser hecho! Pruebe la El compost puede prueba del frasco: Ponga un poco de abono terminado en un frasco sellado estar terminado por 24 horas. Si usted abre el frasco y huele cualquier olor fétido, deje el abono continuar curando y madurando antes de usarlo. Falta de oxígeno Gire la pila con más frecuencia.

#### El compostaje se ralentiza durante el invierno. Aumente el tamaño de la pila y/o aísle los lados y la parte superior de la pila. Construya una rotura del viento cubriendo el compartimiento/pila con una lona o moviendo el comparti-Clima miento/pila para arriba contra una cerca o edificio para protegerlo contra los fresco vientos ásperos. No dé vuelta al montón en el invierno, pues esto hará que

el montón pierda calor. En la primavera cuando la nieve se derrite, el abono puede llegar a ser demasiado húmedo o saturado, así que agregue marrones

secos y déle un gran giro a lapila antes posible.



## UCRRA Eco-Friendly Home

Ulster County Resource Recovery Agency Recycling Outreach Team

#1 Household Hazardous Waste

#### Dundle

Look for labels such as: Warning, Caution, Danger, Poisonous, Toxic, or Flammable.

Read the label!

Understand the instructions for how to properly use the chemical.

Always keep chemicals in their original container.

Products or chemicals that are flammable, toxic, corrosive, or chemically reactive are considered hazardous wastes.

Never put these items in the trash or pour chemicals down the drain. When improperly managed, they pollute the environment, cause fires or explosions, and can cause serious injuries.



Always wear gloves when handling chemicals.



Buy only what you need!



Be in the know about the chemicals you use.

Refer to a MSDS.

Store chemicals high up on a shelf or in a locked cabinet away from electrical panels or heat sources.

Safely dispose of old or unwanted chemicals. Sign up for UCRRA's HHW Collection Events!

Keep chemicals out of reach of children, pets, or vulnerable family members.

Better for the Planet Better for our Health Better for our Wallet

#### #2 Natural Alternatives are Just as Effective

#### Common DIY Ingredients - Benefits & Uses

**Baking Soda** is slightly abrasive which gives it the grit to remove stains from different surfaces.

Distilled White Vinegar is a biodegradable, non toxic cleaning agent. Distilled vinegar has antimicrobial properties that kill microorganisms such as bacteria and viruses.

Castile Soaps are on-toxic, biodegradable and highly concentrated which makes it great for both beauty and household purposes!

Borax has a fine texture and will not scour or scratch surfaces which makes it great for a range of uses. Borax is commonly used as an active ingredient in household laundry and cleaning products.

Washing soda "softens" water helping other cleaning ingredients lift soil from the fabrics and suspend the soil in the wash water.

Essential Oils can be used to enhance the scent of a cleaner. They have been shown to improve sleep, reduce anxiety and pain, and kill bacteria/fungi. \* Make sure to use a pet-friendly essential oil.





- 1. Cuts Grease
- 2. Boosts Laundry Detergent
- 3. Unclogs Drains
- 4. Deodorizes
- 5. Cleans Veggies





- Removes Mold, Mildew, and Mineral deposits
- 2. Removes Stains
- 3. Cleans Stainless Steel
- 4. Cleans Glass
- 5. Tackles Clogs





- 1. Household Cleaner
- 2. Shampoo
- 3. Body Wash
- 4. Dishwashing Detergent
- 5. Laundry detergent





- 1. Cleans Tiles
- 2. Deodorizes
- 3. Aids in Bug Infestations
- 4. Kills Weeds
- 5. Removes Rust Stains





- 1. Cleans Washing Machine
- 2. Removes Stains
- 3. Unclogs Drains
- 4. Cleans Outdoor Furniture
- 5. Removes Greasy Buildup



By: UCRRA's Recycling Outreach Team Angelina Brandt, Director of Sustainability Tanesia White, Recycling Educator www.UCRRA.org 845-336-0600

#### #3 Making Your Own Products

#### **Best Practices for Storing & Using:**

#### Clean Containers

Store homemade cleaning products in unused, clean containers. Never use bottles that once held chemicals. To keep your family safe, label homemade cleaners when you make them, and ensure you use the right solution for the application.

#### Test It

Before you spray a cleaner on any surface, test first in a hidden area to ensure the cleaner doesn't damage or mar the material.

#### When to Skip Vinegar

Never use vinegar solutions on stone surfaces such as granite or marble, cast iron, aluminum, or waxed surfaces. The acid in the vinegar can etch, pit, and strip finishes or otherwise damage these surfaces.

#### #4 Recipes

#### **All Purpose Spray**

#### Option #1

- Make a Lemon/Vinegar Infusion by saving your lemon peels in a jar
- Add enough vinegar to completely cover the citrus
- Store in a dark place for a week
- Add equal parts infusion and distilled water to a spray bottle

#### Option #2

- 2 cups of Distilled Water
- 2 tablespoons of Castile Soap
- 1-15 drops of Essential Oils
- Combine and add to a spray bottle

#### Option #3

- 1 teaspoon liquid soap
- 1 teaspoon borax
- 1/4 cup vinegar
- 1 quart warm water



By: UCRRA's Recycling Outreach Team Angelina Brandt, Director of Sustainability Tanesia White, Recycling Educator www.UCRRA.org 845-336-0600

#### **Cleaning Scrub (Kitchen and Bathroom)**

- 2 cups of Baking Soda
- 10-20 Drops of Essential Oils
- A squirt of Dish/Castile Soap in the Sink

Combine the baking soda and essential oils into a storage jar. Sprinkle into your sink, add a squirt of dish soap and scrub clean with a sink-safe scrub brush. Rinse thoroughly.

#### **Sugar Body Scrub**

- 1 cup of Sugar
- 3 tablespoon of Oil

#### Optional:

- Essential Oils
- Lemon
- Vitamin E Oil
- Coffee Grounds

In a small/medium-sized container, combine the sugar and 1 tablespoon of the oil, mixing in between. The texture should be sandy, not soupy otherwise the sugar will dissolve.

#### **Bulk Shop for Cleaners**

www.litterless.com/wheretoshop

- The O Zone, Red-Hook
- Woodstock Bring Your Own, Woodstock
- Village Grocery & Refillery, Kingston

Department of Environmental Conservation Household Hazardous Waste Safer Alternatives

#### Air Freshener

- Leave open box of baking soda in room
- Set out dish of vinegar
- Add cloves, cinnamon, vanilla to boiling water, simmer for 5 minutes
- Use herbs or potpourri

#### **Carpet Cleaner**

- Rub dry baking soda into grease
- Combine equal parts vinegar & water to remove winter salt residue

#### **Disinfectant**

Use ½ cup borax in 1 gallon water

#### **Fabric Softener**

 Rinse cotton & wool blankets with 2 cups white vinegar added to washer

#### Coffee/Tea Stains

 Equal parts moist salt and vinegar; or baking soda solution of 3 tablespoons baking soda & 1 quart water

#### **Deodorant Stains**

 Rub lightly with white vinegar and launder as usual



By: UCRRA's Recycling Outreach Team Angelina Brandt, Director of Sustainability Tanesia White, Recycling Educator www.UCRRA.org 845-336-0600

#### **Ulster County Master Contacts List for Food Waste Management Services**

UCRRA updated this list September 2022. To add/edit entries in this list, please contact apeo@ucrra.org

Description	Business Name	Service Area	Address	Website	Phone	Email	Contact
Collection/Hauling (COMMERCIAL - ROLL OFF SERVICE ONLY)	Waste Management	Serving areas of Ulster, Dutchess, Orange County.	100 Boat Street Albany, NY 12202	www.wm.com/us/en/services/rec ycling-and-sustainability/food-and- organic-recycling	845-742-8635	jbudik@wm.com	Jeff Budik Market Sales Manager, Eastern NY & Western MA
Collection/Hauling (COMMERCIAL AND RESIDENTIAL)	Community Compost Company	Serving areas of Ulster, Dutchess, Orange County, and Northern New Jersey.	5941 Route 209, Kerhonkson, NY 12446	www.communitycompostco.com	845-787-3478	info@communitycompostco.com	Molly Lindsay, Director of Operations
Collection/Hauling (COMMERCIAL ONLY)	Agricycle Energy	Serving the North East Corridor of Ulster County and NY's Capital District.	95 Pleasant Hill Road, Suite G Scarborough, ME 04074	www.agricycleenergy.com	800-850-9560	info@agricycleenergy.com	Contact the company for more information
Collection/Hauling (COMMERCIAL ONLY)	Natural Upcycling	Serving all areas of Ulster County. Contact company for more information.	1818 Linwood Road, Linwood, NY 14486	www.naturalupcycling.com	585-584-3124	amanda@naturalupcycling.com	Michael Boerman or Amanda Logsdon
Collection/Hauling (COMMERCIAL ONLY)	Denali	Contact the company for more information.	3308 Bernice Ave, Russellville, AR 72802	www.DenaliWater.com	708-326-3980	Matt.Hedrick@Denaliwater.com	Matt Hedrick
Collection/Hauling (COMMERCIAL ONLY)	Royal Carting / Welsh Sanitation	Serving the North and South Eastern Corridors of Ulster County, Dutchess, Orange, Columbia, Putnam County.	409 Route 82 Hopewell Junction, NY 12533	www.royalcarting.com	845-896-6000	info@royalcarting.com	Vincent Nunziato
Collection/Hauling (COMMERCIAL ONLY, + FESTIVALS/EVENTS)	Curbside Compost LLC	Serving the Southern and North East Corridor of Ulster County, and areas of Dutchess, Westchester, Putnam Counties, Western CT.	Ridgefield, CT	www.curbcompost.org	914-646-6890	nick@curbcompost.org	Nick Skeadas
Collection/Hauling (FESTIVALS/EVENTS)	Dirty Love Trash	Contact the company for more information.	37 Cross St Beacon NY 12508	www.dirtylovetrash.com	845-625-4012	dirtylovetrash@gmail.com	Atticus Lanigan
Compostable Packaging	Biodegradable Products Institute	N/A	888c 8th Ave #141, New York, NY 10019	www.bpiworld.org	1-888-BPI-LOGO	information@bpiworld.org	Visit website for more information
Composting Education	Cornell Cooperative Extension Ulster County Master Gardeners	Serving all areas of Ulster County.	CCE Ulster County 232 Plaza Road (Hannaford Plaza) Kingston, New York 12401	ulster.cce.cornell.com	845-340-3990	cmc534@cornell.edu	Courtney Churchill Master Gardener Coordinator/ Agriculture Program Assistant
Composting Education	Cornell Waste Management Institute	Serving all areas of New York State.	CWMI, Soil and Crop Sciences Section, 817 Bradfield Hall, Cornell University Ithaca, NY 14853	www.cwmi.css.cornell.edu	607-255-1187	cwmi@cornell.edu	Jean Bonhotal, Associate Director

Description	Business Name	Service Area	Address	Website	Phone	Email	Contact
Composting Education	New Paltz Recycling & Reuse Center	Open to any resident who purchases a transfer station permit.	3 Clearwater Road, New Paltz, NY 12561	www.newpaltzreuse.org	845-255-8456	recycling@townofnewpaltz.org	Contact the Town Transfer Station for more information
Composting Education	New York State Department of Environmental Conservation	Serving all areas of New York State.	Division of Materials Management Bureau of Waste Reduction & Recycling 625 Broadway Albany, NY 12233-7253	https://www.dec.ny.gov/chemical /8798.html	518-402-8706	organicrecycling@dec.ny.gov	Kristine Ellsworth
Composting Education	Royal Carting / Welsh Sanitation	Serving the North and South Eastern Corridors of Ulster County, Dutchess, Orange, Columbia County. Contact for more info.	409 Route 82 Hopewell Junction, NY 12533	www.royalcarting.com	845-896-6000	info@royalcarting.com	Vincent Nunziato
Composting Education	Ulster County Department of the Environment	Serving all areas of Ulster County.	17 Pearl St, Kingston, NY 12401	https://ulstercountyny.gov/enviro nment/department-environment	845-338-7287	mdar@co.ulster.ny.us	Michael D'Arcy, Environmental Outreach Manager
Composting Education/Consulting	Community Compost Company	Serving areas of Ulster, Dutchess, Orange County, and Northern New Jersey.	5941 Route 209 Kerhonkson NY 12446	www.communitycompostco.com	845-787-3478	info@communitycompostco.com	Molly Lindsay, Director of Operations
Composting Education/Consulting	Dirty Love Trash	Contact the company for more information.	37 Cross St Beacon NY 12508	www.dirtylovetrash.com	845-625-4012	dirtylovetrash@gmail.com	Atticus Lanigan
Composting Education/Consulting	Greenway Environmental Services	Serving all areas of New York State.	205 Hurds Road, Clintondale, NY 12515	www.greenwayny.com	845-656-6071	greenway777@ aol.com	Josephine Papagni
Composting Education/Consulting	New York State Pollution Prevention Institute	Serving all areas of New York State.	111 Lomb Memorial Drive Rochester, NY 14623	www.rit.edu/affiliate/nysp2i/	585-475-2512	nysp2i@rit.edu	Contact the organization for more information
Composting Education/Consulting	The Underground Center	Serving Saugerties NY	9 Kate Yaeger Rd, Saugerties NY	www.theundergroundcenter.org	845-594-7979	chase@theundergroundcenter.org	Chase Randell
Composting Education/Consulting	Ulster County Resource Recovery Agency	Serving all areas of Ulster County.	999 Flatbush Road Kingston NY 12401	www.UCRRA.org	845-336-0600	apeo@ucrra.org	Angelina Brandt, Director of Sustainability
Composting Site (Permitted)	Ulster County Resource Recovery Agency	Serving all areas of Ulster County.	999 Flatbush Road Kingston, NY 12401	www.UCRRA.org	845-336-0600	apeo@ucrra.org	Angelina Brandt, Director of Sustainability
Composting Site (Registered)	Community Compost Company	Serving areas of Ulster, Dutchess, Orange County, and Northern New Jersey.	5941 Route 209 Kerhonkson NY 12446	www.communitycompostco.com	845-787-3478	info@communitycompostco.com	Molly Lindsay, Director of Operations

Description	Business Name	Service Area	Address	Website	Phone	Email	Contact
Composting Site (Registered)	Greenway Environmental Services	Serving all areas of Ulster County and the greater Hudson Valley.	205 Hurds Road, Clintondale, NY 12515	www.greenwayny.com	845-656-6071	greenway777@ aol.com	Josephine Papagni
Composting Site (Registered)	New Paltz Recycling & Reuse Center	Open to any resident who purchases a transfer station permit.	3 Clearwater Road, New Paltz, NY 12561	www.newpaltzreuse.org	845-255-8456	recycling@townofnewpaltz.org	Contact the Town Transfer Station for more information
Conferences, Committees, Advocacy	New York State Association of Reduction, Reuse, Recycling	Serving all areas of New York State.	1971 Western Ave. #1180 Albany, NY 12203	www.nysar3.org	518-482-7395	nysar3@gmail.com	Contact the organization for more information
Conferences, Committees, Advocacy	United States Composting Council	USA	3801 Lake Boone Trail, Suite 190 Raleigh, NC 27607	www.compostingcouncil.org	301-897-2715	uscc@compostingcouncil.org	Contact the organization for more information
Depackaging Services	Agricycle Energy	Serving the North East Corridor of Ulster County and NY's Capital District.	95 Pleasant Hill Road, Suite G Scarborough, ME 04074	www.agricycleenergy.com	800-850-9560	info@agricycleenergy.com	Contact the company for more information
Depackaging Services	Natural Upcycling	Serving all areas of Ulster County.	1818 Linwood Road, Linwood, NY 14486	www.naturalupcycling.com	585-584-3124	amanda@naturalupcycling.com	Michael Boerman or Amanda Logsdon
Donation/Food Waste Consulting	Center for Eco Technology	Serving businesses and organics recyclers in New York State.	320 Riverside Dr, Florence, MA 01062	https://www.centerforecotechnol ogy.org/nywasteassistance/	866-306-0911	RethinkFoodWasteNY@cetonline.org	Contact the organization for more information
Drop Off Site (Commercial only)	Ulster County Resource Recovery Agency	Serving all areas of Ulster County.	999 Flatbush Road Kingston NY 12401	www.UCRRA.org	845-336-0600	apeo@ucrra.org	Angelina Brandt, Director of Sustainability
Drop Off Site (Commercial/Residential)	Greenway Environmental Services	Serving all areas of Ulster County.	205 Hurds Road, Clintondale, NY 12515	www.greenwayny.com	845-656-6071	greenway777@aol.com	Josephine Papagni
Drop Off Site (Commercial/Residential)	New Paltz Recycling & Reuse Center	Open to any resident who purchase a transfer station permit.	3 Clearwater Road, New Paltz, NY 12561	www.newpaltzreuse.org	845-255-8456	recycling@townofnewpaltz.org	Contact the Town Transfer Station for more information
Drop Off Site (Residential)	Kingston Farmers Market	Open to any resident who purchases a subscription for the service through Community Compost Company.	EVERY SATURDAY FROM 9 A.M. TO 2 P.M. Ulster County Courthouse Parking Lot, 285 Wall St Kingston	http://kingstonfarmersmarket.org/ compost-at-the-market/ www.communitycompostco.com/ drop-off-signup/step-one/	347-721-7386	info@communitycompostco.com	Molly Lindsay, Director of Operations, Community Compost Company
Drop Off Site (Residential)	New Paltz Community Center	Open to Town of New Paltz residents only.	3 Veterans Dr, New Paltz, NY 12561	www.townofnewpaltz.org/recreati on	845- 255-2512	assistant@townofnewpaltz.org	Contact the Town Hall for instructions.

Description	Business Name	Service Area	Address	Website	Phone	Email	Contact
Drop Off Site (Residential)	Pheonicia Farmers Market	Open to any resident who purchases a one-time subscription fee. Stop by the Farmer's Market Managers Booth to learn more.	EVERY SUNDAY (MAY-NOV) FROM 10AM-2PM LOCATED BEHIND THE SUPERMARKET, 85 MAIN STREET PHEONICIA NY	https://www.facebook.com/phoen iciafarmersmarket		phoeniciafm@gmail.com	Stop by the Farmer's Market Managers Booth to learn more.
Drop Off Site (Residential)	Town of Marbletown Transfer Station	Open to Marbletown residents who purchase a transfer station permit.	135 Canal Rd, High Falls, NY	https://www.marbletown.net/tran sfer-station	845-687-9198	info@marbletown.net	Contact the Town Transfer Station for more information
Drop Off Site (Residential)	Town of Rochester Transfer Station	Open to Rochester residents who purchase a transfer station permit.	Airport Road, Rochester NY	http://townofrochester.ny.gov/to wn-departments/transfer-station/	845-626-5273	Contact the Town Transfer Station for more information	Contact the Town Transfer Station for more information
Drop Off Site (Residential)	Town of Saugerties Transfer Station	Open to any resident who purchases a composting permit.	1765 Route 212, Saugerties, NY 12477	https://townsaugerties.digitaltowp ath.org:10234/content/Offices/Vie w/14		mmcnamara@saugerties.ny.us	Contact the Town Transfer Station for more information
Funding Opportunities	New York State Association of Reduction, Reuse, Recycling	Serving all areas of New York State.	1971 Western Ave. #1180 Albany, NY 12203	www.nysar3.org	518-482-7395	nysar3@gmail.com	Contact the organization for more information
Funding Opportunities	New York State Department of Environmental Conservation	Serving all areas of New York State.	NYSDEC Division of Materials Management Bureau of Waste Reduction & Recycling 625 Broadway Albany, NY 12233-7253	www.dec.ny.gov/chemical/8798.ht ml	518-402-8706	organicrecycling@dec.ny.gov	Kristine Ellsworth
Funding Opportunities	New York State Pollution Prevention Institute	Serving all areas of New York State.	111 Lomb Memorial Drive Rochester, NY 14623	https://www.rit.edu/affiliate/nysp 2i/	585-475-2512	nysp2i@rit.edu	Contact the organization for more information
Legal/Regulatory Guidance (New York State Food Scrap Reduction and Food Scrap Recycling Law)	New York State Department of Environmental Conservation	Serving all areas of New York State.	NYSDEC Division of Materials Management Bureau of Waste Reduction & Recycling 625 Broadway Albany, NY 12233-7253	https://www.dec.ny.gov/chemical /8798.html	518-402-8706	organicrecycling@dec.ny.gov	Kristine Ellsworth
Legal/Regulatory Guidance (Ulster County Food Waste Prevention and Recovery Act)	Ulster County Department of the Environment	Serving all areas of Ulster County.	17 Pearl St, Kingston, NY 12401	https://ulstercountyny.gov/enviro nment/department-environment	845-338-7287	mdar@co.ulster.ny.us	Michael D'Arcy, Environmental Outreach Manager

Description	Business Name	Service Area	Address	Website	Phone	Email	Contact
Rendering (Fats/Oils/Grease)	Agricycle Energy	Serving the North East Corridor of Ulster County and NY's Capital District.	95 Pleasant Hill Road, Suite G Scarborough, ME 04074	www.agricycleenergy.com	800-850-9560	info@agricycleenergy.com	Contact the company for more information
Rendering (Fats/Oils/Grease)	Darling International	Contact the company for more information.	825 Wilson Ave Newark NJ 07105	www.darlingii.com	800-800-4841	recyclingservices@darpro.com wfrish@darlingii.com	Contact the company for more information
Rendering (Fats/Oils/Grease)	JBS-MOPAC Rendering	Serving Ulster, Dutchess, Orange, Sullivan, Putnam, Westchester, Nassau, Suffolk Counties.	741 Souder Rd, Souderton, PA 18964	www.mopac.com	1-800-967-8325 opt 2	Team.Mopac@jbssa.com	Contact Customer Solutions
Rendering (Fats/Oils/Grease)	Natural Upcycling	Serving all areas of Ulster County.	1818 Linwood Road, Linwood, NY 14486	www.naturalupcycling.com	585-584-3124	amanda@naturalupcycling.com	Michael Boerman or Amanda Logsdon
Rendering (Fats/Oils/Grease)	Denali	Contact the company for more information.	3308 Bernice Ave, Russellville, AR 72802	www.DenaliWater.com	708-326-3980	Matt.Hedrick@Denaliwater.com	Matt Hedrick
Rendering (Fats/Oils/Grease)	Restaurant Technologies	Contact the company for more information.	2250 Pilot Knob Road Suite 100 Mendota Heights MN 55120	https://www.rti-inc.com/	1-888-796-4997	Marketing@rti-inc.com	Contact the company for more information
Rendering (Fats/Oils/Grease)	Royal Carting / Welsh Sanitation	Serving the North and South Eastern Corridors of Ulster County, Dutchess, Orange, Columbia County. Contact for more info.	409 Route 82 Hopewell Junction, NY 12533	www.royalcarting.com	845-896-6000	info@royalcarting.com	Vincent Nunziato



#### **Rethinking Our Waste**

Plastic makes up 12% of the waste stream in America. Plastic is made from non-renewable resources, and not all plastics can be recycled. Researchers estimate it takes 500+ years for plastics to start to break down!

Did you know? Each year 8 million metric tons of plastic enters the world's oceans. Plastic debris comes from litter in our environment, and the top 10 plastic items found in the ocean are single-use items that can be easily avoided!

#### **TOP 5 TO REDUCE & REFUSE**



#### **Plastic Bags**

est. five trillion plastic bags used worldwide each year (UNEP)



#### **Plastic Straws**

est. 500 million plastic straws used daily (USA)



est. 100 million plastic utensils used daily (National Geographic)



#### Plastic To-Go Cups

est. 500 billion plastic cups and 16 billion disposable coffee cups used each year worldwide. Americans alone throw away around 25 billion Styrofoam coffee cups each year (Earthday)



#### Plastic Takeaway Containers

Single-use food and beverage packaging account for around 269,000 US tons of plastic waste that has entered the world's oceans (NRDC)

#### **ULSTER COUNTY RECYCLES**

- 1. Bring your own reusable bags and containers
- Choose package-free, reduced packaging, or refillable options
- Do not purchase items whose packaging is not recyclable

#### You Can Make A Difference!

- Grab a fork & spoon from your kitchen for a plastic-free travel kit!
- 5. Say "NO" to plastic cutlery at restaurants & cafés
- Buy products made from post-consumer recycled content

#### **ULSTER COUNTY RESOURCE RECOVERY AGENCY**

999 Flatbush Road, Kingston, NY 12401 | (845) 336-0600 | www.UCRRA.org

Follow @UCRRA for more information about Recycling, Composting, and Waste Reduction.

# OCEANS OF POSSIBILITIES: UPCYCLED ART

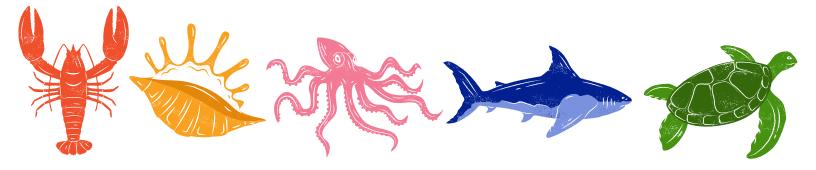
Rosendale Public Library
Thursday, July 21st
3:00 - 4:15 PM
For Kids!

Ellenville Public Library & Museum Wednesday, July 27th = 1:00 - 2:30 PM
For Teens!

Learn about the impact of plastic pollution while creating upcycled art from common plastic objects. Please RSVP at WWW.ucrra.org/events-classes/

## Ulster County Resource Recovery Agency Presents:

Upcycled Art: Oceans of Possibilities!



## JUEY 27TH 1PM-2:30PM

Ellenville Public Sibrary and Museum

40 CENTER ST, ELLENVILLE, NY 12428

### For Teens!

Learn about the impact of plastic pollution while creating upcycled art from common plastic objects.

PREASE RSVP AT WWW.UCRRA.ORG/EVENTS-CLASSES/



## CLEANERS & MORE

July 27th 2022: 10 AM - 11:30 AM

ELLENVILLE PUBLIC LIBRARY & MUSEUM

40 Center St, Ellenville, NY 12428 Join us in our Eco-Friendly
Home workshop to learn how to
make your own products that
are better for the environment,
your health, and your wallet!

Please RSVP at WWW.ucrra.org/events-classes/



## Ulster County Resource Recovery Agency Presents:

## ECO-FRIENDLY HOME, DIY CLEANERS & MORE







## JUEY 27TH 10 AM - 11:30 AM

Ellenville Public Library & Museum

40 CENTER ST, ELLENVILLE, NY 12428

PLEASE RSVP AT WWW.UCRRA.ORG/EVENTS-CLASSES/





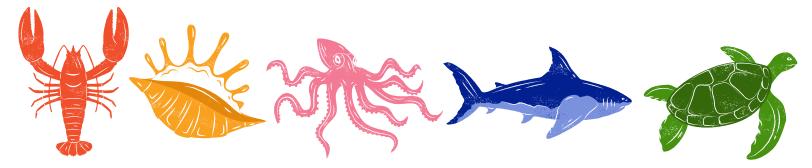


## UPCYCLED ART FOR KIDS! OCEANS OF POSSIBILITIES

REGISTER HERE!

## Ulster County Resource Recovery Agency Presents:

Upcycled Art: Oceans of Possibilities!



JUKY 215T 3 PM - 4:15 PM





Rosendale Library

264 MAIN ST, ROSENDALE, NY 12472

### For Kids!

Learn about the impact of plastic pollution while creating upcycled art from common plastic objects.

PREASE RSVP AT WWW.UCRRA.ORG/EVENTS-CLASSES/

## MUNICIPAL WASTE REDUCTION AND RECYCLING PROJECT PROGRESS REPORT FORM - Recycling Coordination/Education Projects

A Progress Report is due in conjunction with payment requests. You may use this form, or your own form using a similar format. Use additional sheets if necessary.

Grantee:	Ulster County Resource Recovery Agency	Contract No.	DEC01-C01426GG- 3350000
	Period covered by this report:	October 1 <sup>st</sup> – De	cember 31 <sup>st</sup> 2022
	Person completing this report:	Angelina Brandt	, Director of Sustainability

1. Describe the activities from the contract Scope of Work which were completed during the time period of this report.

Work Plan Objective	Progress This Quarter	Details
1. Addresses recycling complaints about businesses, apartments, and institutions, and promotes awareness of local recycling requirements and recycling guidelines to reduce contamination,	<b>√</b>	<ul> <li>Agency staff received, documented, and evaluated complaints from residents regarding recycling compliance issues.</li> <li>The Recycling Outreach Team (ROT) promoted awareness of recycling requirements by maintaining website resources and discussing recycling requirements during tours, presentations, site visits, etc. The ROT also promotes Recycle-Right-NY resources and messages to reduce contamination.</li> </ul>
2. Completes planning unit reports related to measuring and tracking regulated recyclable materials, electronics recycling, organics recycling, household hazardous wastes,	<b>√</b>	Some work was completed on the draft Local Solid Waste Management Plan Biennial Update for year 2022 during this quarter (ongoing).
3. Conducts site visits and consultation services to implement or improve existing recycling, composting, or waste reduction programs,		None this Quarter
4.Updates/distributes program media such as guides, brochures, contacts lists, flyers, posters, recycling bin stickers, signs, or other media and promotional items to aid in	<b>√</b>	<ul> <li>The ROT created new media, such as the new media</li> <li>Upon request, the Recycling Outreach Team (ROT) mails media kits to local community groups, businesses, or local government, etc.</li> <li>During facility tours and presentations, the ROT distributed media kits to all visitors or program participants.</li> <li>Print copies of program media is available at the Main Office.</li> </ul>

recycling/composting		
programs,		
5. Markets the	<b>√</b>	
	•	Results from September 2022 compost testing yielded good
availability and use of		, , , , , , , , , , , , , , , , , , , ,
finished compost, and		results. September test results were received and reviewed in
maintains US		October and were posted to UCRRA website.
Composting Council Seal		Compost was sampled and sent for testing again in December.
of Testing Assurance		The Agency complied with all requirements of the USCC Seal of
Program,		Testing Assurance Program.
		Staff participated in planning meetings to discuss and
		coordinate the launch of the bagged compost product and
		worked with website developer to establish an online store that
		the bagged compost can be sold and marketed through.
6. Acts as liaison for	<b>√</b>	Staff contacted all MRDCs to request updated information
UCRRA Partners in		about hours, fees, and materials accepted. The UCRRA website
Composting Program and		and print flier were updated in December.
UCRRA Dual Stream		The ROT distributes recycling education information by request.
Recycling Program, and		, , , , , , , , , , , , , , , , , , , ,
strives to increase public		
participation in both		
programs,		
7. Facilitates	✓	October
presentations and		• 10/06 Intro to Home Composting in partnership with Town of
workshops for		Rosendale Public Library
businesses, schools,		<ul> <li>10/07 Home Composting Demonstration Day at UCRRA</li> </ul>
community groups,		
youth groups, and		10/21 Bokashi Composting Class at UCRRA
residents, to promote		
recycling, waste		November
reduction, reuse, up-		• 11/16 NYSAR3 Annual Recycling Conference Session:
cycling, and composting,		"Leveraging Funding to implement Pollution Prevention Efforts
		in NYS"
		<u>December</u>
		• 12/09 Upcycled Holiday Ornaments for Kids at the Town of
		Woodstock Public Library
8. Tables at community	✓	<u>October</u>
events and fairs, and		• 10/23 Household Hazardous Waste Collection Event
facilitates special		
recycling events for		<u>November</u>
compost bin sales, or		None this month
other recycling events,		
		December
		None this month
9. Conducts facility tours	<b>√</b>	October
of the Material Recovery	·	• 10/13 Tour the UCRRA Open House Day
Facility, the Organics		
Recovery Facility, the		• 10/21 Tour for Sustainable Hudson Valley & UC Dept.
Sustainable Living		Environment
Center, and the home		<u>November</u>
		• 11/16 Tour the Ulster County Town Supervisors Association
<u> </u>		

composting demonstration garden,	Car • 11,	/09 Tour for Culinary Institute of America Master's Degree Indidate, Sustainable Food Systems /28 Tour for the Ulster County Recycling Oversight Inmittee and Energy & Environment Committee members
	<u>Decem</u> • 12,	<u>lber</u> /19 Tour for A1 Bottle Return
10. Promotes recycling/waste reduction/composting messaging through UCRRA website, social media, e-newsletters, podcasts, newspaper, radio advertising, bus ads, or other means of communication,	✓ Socia Medi	International E-Waste Day (10/14), International Repair Day (10/15), Go Green on Halloween Series (Costumes, Treats, Decorations), Fall Classes  November Save the Food Dinner Party Calculator & Food Storage Guide, November Repair Cafes, America Recycles Day, History & Benefits of Recycling, Think Before You Shop, Buy Nothing Day, Facility Holiday Closings  December
	Radio	December Repair Cafes, Eco-Friendly Holiday Tips, Upcoming Events and facility Holiday Closings October
		15 sec "Recyclopedia" 15 sec "Electronics Recycling"  November 15 sec "Recyclopedia" 15 sec "America Recycles Day"  December 30 sec "Eco-friendly Holiday Message from UCRRA" 30 sec "What Happens to Trash?"
	Print	October  • 10/05 (print) Ulster Publishing/Hudson Valley One  "Fall in the Valley"  • 10/3 -10/9 (digital) Ulster Publishing/Hudson Valley One
		November Celebrating America Recycles Day • 2 week campaign (print) in Hudson Valley One • 2 week campaign (digital) in Hey Kingston Newsletter • 2 week campaign (digital) on Ulster Publishing's website
		December None this month
	News Lette /Blog	r

		November New blog article "America Recycles Day 2022"  December New blog article "Eco-friendly Holiday Tips"
	Web	October Quarterly Compost Test Results published  November None this month  December
	Other	None this month  The Recycling Outreach Team responded to questions and inquiries through social media, the Recycling Hotline, direct emails, and through the contact us submissions through UCRRA website.  Other communication strategies include:  November  11/10 America Recycles Day memo distributed to Town Supervisors, Town Transfer Stations, Climate Smart Committees and Advisory Groups, School Districts, Libraries, news outlets, and other contacts  11/09 Albany Times Union Article "Local Compost Programs Taking Root in the Hudson Valley" Read the article online at <a href="https://www.timesunion.com/hudsonvalley/makers/article/Local-compost-programs-Hudson-Valley-">https://www.timesunion.com/hudsonvalley/makers/article/Local-compost-programs-Hudson-Valley-</a>
11. Attends and participates in conferences, seminars, and groups or meetings related to regional recycling, organics, waste reduction, or product stewardship initiatives	Beyon 10/1 10/2 mee Novemb 11/1  Decemb 12/0 mee 12/1 Redu	16, 10/13, 10/20 Professional Development (Course Audit) 20 And Plastic Pollution hosted by Bennington College 27 Conf. Call w/Dutchess County Recycling Educator 20 Ulster County Reuse Innovation Center Project kick-off 21 ting 22 A-11/16 NYSAR3 Annual Recycling Conference 21 Region 3 Recycling Educators Working Group Kick-off

		12/15 NYS Organics Summit planning meeting
12. Plans, implements, directs, and reports on the Agency's Household Hazardous Waste Program and promotes awareness of safe disposal practices and alternatives to household hazardous wastes	<b>✓</b>	Agency staff coordinated all necessary documentation and planning to facilitate the 2022 Household Hazardous Waste Collection Program.  The Agency will host four events in 2022  Sat. April 30th in NEW PALTZ  Sun. June 26th in KINGSTON  Sat. August 20th in NEW PALTZ  Sun. October 23rd in KINGSTON

2. List the work products from the contract which were completed. Provide copies of any completed work products, if applicable.

The following items are presented as a Media Sample for this quarter -

- Miscellaneous program photos
- Ulster Publishing ads promoting Fall Classes and America Recycles Day
- Miscellaneous class/event fliers
- New media including "Bokashi Booklet",
- September 2022 (as well as historical) compost test results are available on the Agency's webpage https://ucrra.org/compost-for-sale/compost-test-results/
- Samples of social media content can be viewed on the Agency's <u>facebook page linked here</u> Instagram account linked here, and Youtube channel linked here
- PDF copies of the presentations and reports described here are available upon request (large file size)
- 3. Add any other information to help evaluate the success of this project.

The Recycling Outreach Team (ROT) successfully completed 11/12 tasks under this project this quarter. The ROT collects program tracking data to help evaluate the success and reach of the program and strategies used to meet the project objectives. A total of 120 adults and 5 youth directly participated in programs associated with this project this quarter, totaling 20.25 hours of direct community engagement in educational workshops and tours. The ROT conducted 4 public speaking events and facilitated 6 guided tours of the recycling and composting facility. A large focus on outreach initiatives this quarter was celebrating America Recycles Day and more sustainable holidays (Halloween, Thanksgiving, dinner parties, gift giving, decorations, recycle right tips, etc.). The Recycling Outreach Team responded to questions on the Agency's recycling hotline. The ROT tracked 425 recycling-related phone calls, totaling approximately 30.54 hours of educational service over the hotline. The Recycling Outreach Team grew its social media audience by about 1%. By the end of the quarter, there were 1168 followers on Facebook, and 1010 followers on Instagram. By the end of the quarter, the Agency's Youtube Channel had 55 total views, or 1.2 hours of viewing. Newsletter subscribers increased, totaling 4,474 by the end of quarter. The ROT continues to look for new tools and innovative methods to reach a wider audience and enhance program offerings that inform and help improve local waste reduction, recycling, and composting programs.

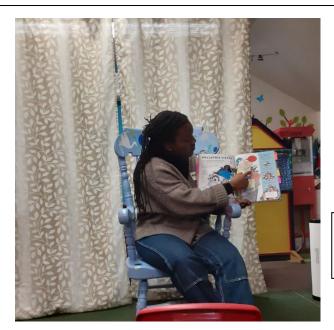


Participants learn about compost bins at the Home Composting Demonstration Day at UCRRA, October 7th 2022.





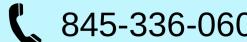
Members of the Ulster County Energy & Environment Committee and Recycling Oversight Committee tour the UCRRA, November 28<sup>th</sup> 2022.



Recycling Educator Tanesia White reads to a group of children at the Town of Woodstock Public Library, December 9th 2022.

## Ulster County Resource Recovery Agency

999 Flatbush Road, Kingston, NY 12401 📞 845-336-0600 🔀 www.UCRRA.com 🗖 @UCRRA









## **OCTOBER 2022**

**ENJOY OUR FREE PROGRAMS** 



## INTRO TO HOME COMPOSTING

THURSDAY, OCT 6TH, 6 PM - 7:30 PM

Rosendale Public Library: 264 Main St, Rosendale, NY 12472

PRE-REGISTER AT WWW.UCRRA.ORG EVENTS-CLASSES, OR SCAN THE QR CODE





FRIDAY, OCT 7TH, 3:30 PM - 4:30 PM **UCRRA Kingston Facility** 

Pre-register by Monday, Oct 3rd

### **RECYCLE RIGHT!**

**WEDNESDAY, OCT 12TH, 6 PM - 7:30 PM** 

Wallkill Public Library:

7 Bona Ventura Ave, Wallkill, NY 12589

## **TOUR THE UCRRA!**



THURSDAY, OCT 13TH

**OPTION 1: 10 AM - 11AM** 

**OPTION 2: 1 PM - 2PM** 

**UCRRA Kingston Facility** 

Pre-register by Monday, Oct 10th



FRIDAY, OCT 21ST, 1 PM - 2 PM **UCRRA Kingston Facility** 

Pre-register by Monday, Oct 17th



Hybrid (In-Person & ZOOM)





# UPCYCLED HOLIDAY ORNAMENTS FOR KIDS!

FRI, DECEMBER 9TH
4 PM - 5:15 PM
Woodstock Public Library

5 LIBRARY LN, WOODSTOCK, NY 12498 EMAIL HOLLIE@WOODSTOCK.ORG TO SIGN UP





### **2022 UCRRA FALL CLASSES**

Free workhops hosted by **ULSTER COUNTY RESOURCE RECOVERY AGENCY** 





♥ 999 Flatbush Road, Kingston, NY 12401 🕻 845-336-0600 🌐 www.UCRRA.com 👩 @UCRRA













#### INTRO TO HOME **COMPOSTING**

THURSDAY, OCT 6TH, 6 PM - 7:30 PM Rosendale Public

> 264 Main St. Rosendale,

Library:

**HOME COMPOSTING DEMONSTRATION** DAY!

FRIDAY, OCT 7TH, 3:30 PM - 4:30 PM **UCRRA** Kingston **Facility** 

> **PRE-REGISTER BY MONDAY, OCT 3RD**

**RECYCLE RIGHT!** 

WED, OCT 12TH,

6 PM - 7:30 PM Wallkill Public Library:

7 Bona Ventura Ave. Wallkill, NY 12589

**TOUR THE UCRRA!** 

THURSDAY, OCT 13TH **OPTION 1: 10 - 11AM OPTION 2:1-2PM UCRRA** Kingston

Facility **PRE-REGISTER BY MONDAY, OCT 10TH**  **INTRO TO BOKASHI** 

FRIDAY, OCT 21ST, 1 PM - 2 PM

**UCRRA** Kingston **Facility** 

**PRE-REGISTER BY MONDAY, OCT 17TH** 





### **AMERICA RECYCLES DAY IS NOVEMBER 15TH**



### **LET'S UNITE AND RECYCLE RIGHT!**





**PLASTIC** 

**BOTTLES, JUGS, JARS & TUBS** 



When in doubt, ask your service provider



**GLASS** 

**BOTTLES** & JARS ONLY



Recycle by the SHAPE, not by the NUMBER



**METAL** 

CANS, TRAYS, LIDS, & FOIL



Rinse containers clean



**PAPER** 

NO PLATES, CUPS, **OR TISSUES!** 



Do not bag recyclables or put bags in the bin



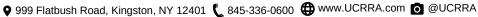
**CARDBOARD** 

**NO PIZZA BOXES!** 



Break down boxes & remove any inner packaging

THIS MESSAGE BY ULSTER COUNTY RESOURCE RECOVERY AGENCY











#### **AMERICA RECYCLES DAY IS NOVEMBER 15TH**



### LET'S UNITE AND RECYCLE RIGHT!





**BOTTLES, JUGS, JARS & TUBS** 





**BOTTLES** & JARS ONLY





**METAL** CANS. TRAYS. LIDS. & FOIL





**PAPER** NO PLATES, CUPS, OR TISSUES!



**CARDBOARD** NO PIZZA BOXES!

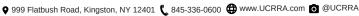


Do not bag recyclables or put bags in the bin





#### THIS MESSAGE BY ULSTER COUNTY RESOURCE RECOVERY AGENCY









### **ULSTER COUNTY RESOURCE RECOVERY AGENCY**

#### **Board of Directors**

Katherine Beinkafner, Chair Tom Kacandes, Vice Chair Charles Landi, Treasurer James Gordon, Member Margot Becker, Member

#### Legal Staff

Kenneth Gilligan, Esq.



P.O. Box 6219, 999 Flatbush Road Kingston, NY 12402

Email: UCRRA@UCRRA.org Website: www.UCRRA.org Social: @UCRRA

#### **Administrative Staff**

Timothy DeGraff, CPA, Executive Director/Controller Charles Whittaker, Director of Operations and Compliance Angelina Brandt, Director of Sustainability Tanesia White, Recycling Educator Melinda France, Office Manager Amy Lopiano, Chief Accounting Clerk

> Phone: (845) 336-0600 Fax: (845) 336-4129

### America Recycles Day - November 15th 2022

America Recycles Day is the only nationally-recognized day dedicated to promoting and celebrating recycling in the United States, with the goal of educating and encouraging individuals on how to be more mindful of what they consume, where and how to recycle properly, and to pledge to recycle more in their everyday lives (KAB, 2022). The Ulster County Resource Recovery Agency (UCRRA) recognizes the many economic, environmental, and social benefits of recycling. Recycling reduces solid waste sent to landfills, saves energy, prevents pollution, and conserves natural resources. Recycling also creates green jobs, promotes a more circular economy, reduces litter in our communities, and has many other benefits. America Recycles Day is an opportunity to raise awareness about the importance of recycling, and a great opportunity to learn about the resources our Recycling Outreach Team offers to the communities we serve.



Last year, curbside collection and drop off programs recovered over 20,518 tons of regulated recyclable materials in Ulster County – that's over 41 million pounds of recyclables!

Whether you recycle curbside, or utilize your local Recycling Drop Off Center, it's important to recycle the correct items. If you are unsure if an item is acceptable for recycling, contact your service provider and ask for Recycling Guidelines. When the wrong items are placed into the system or prepared the wrong way, it can

damage equipment, harm workers, and ruin the value of other recyclables. Here are some universal tips to help prepare recyclables correctly:

- Rinse containers clean and dry
- Do not put hazardous waste (chemicals, SHARPS, etc.) into the recycling bin
- Break down carboard boxes and remove any inner packaging
- Keep 3D containers in their 3D shape (do not flatten bottles and jugs)
- Keep items loose (do not bag up recyclables)
- Recycle film plastics and plastic bags at your local grocery or retail supercenter



It's estimated that UCRRA's handling of municipal solid waste for its final disposal accounts for 4% of Ulster County's greenhouse gas emissions. According to EPA, every ton of waste recycled instead of landfilled saves 2.89 metric tons of CO2!

With widespread recycling participation, we can reach even greater milestones for waste diversion, lowering Ulster County's carbon footprint, and creating a culture of sustainability that values being a good steward to our natural environment and resources. America Recycles Day is a great time to encourage others around you to recycle correctly. Whether you are at work, at school, or at your local community center, there are many ways to increase recycling in group settings. Here are some recycling best practices:

- Make sure a recycling bin is always located directly next to every trash bin.
- A central recycling station is preferred over individual desk-side recycling bins.
- Make sure recycling bins are cleaned regularly and are well-maintained.
- Recycling bins should be clearly labeled. Contact UCRRA to request posters and stickers!
- If possible, color-code bins (blue=recycle, black=trash)
- America Recycles Day (ARD) is a great time to remind people about recycling by circulating
  office memos, or posting about ARD on social media or community newsletters. We can
  help! Contact UCRRA for printed materials or to schedule a special class or event.

In 2016, the U.S. EPA published findings on the economic benefits of the recycling industry nationwide. The study found that...

...each year, recycling and reuse activities in the U.S. account for 681,000 jobs, \$37.8 billion in wages, and \$5.5 billion in tax revenues. This equates to 1.17 jobs for every 1,000 tons of materials recycled!

Recycling is important to our state's economy and as we celebrate America Recycles Day, UCRRA joins hundreds of industry leaders across the nation who wish to celebrate the incredible workforce that supports the essential public service of materials management. And you can be a leader, too. Help us share this message with your community, and let's unite to recycle right!

Sincerely, Angelina Brandt, Director of Sustainability UCRRA Recycling Outreach Team

# Bokashi Composting

Ulster County Resource Recovery Agency

Angelina Brandt, Director of Sustainability & Tanesia White, Recycling Educator

♥ 999 Flatbush Road, Kingston, NY 12401 🕻 845-336-0600 🌐 www.UCRRA.com 👩 @UCRRA





### How does composting work?

Composting is a natural process where organic materials are mixed together and slowly break down (decompose) in a controlled way, resulting in a soil-like material called compost. Soil microbes (bacteria/molds/fungi) and other macro organisms create a mini ecosystem inside of a compost pile. Different microbes thrive at different stages of the process. As materials decompose, the pile heats up and progresses through distinct heat phases, cooling overtime, creating finished compost. Composting takes time, but certain management practices can help speed up the process!

### Why should you try Bokashi composting?

#### **PROS**

- Manage food scraps that are harder to compost using conventional methods (meat, bones, dairy, citrus, oily foods, cooked foods, etc.)
- The resulting "pickled" bokashi material is undesirable to pests (deter bears, opossums, etc.)
- Accelerator helps material break down faster, creating finished compost faster
- Doesn't take up much space to do
- Fun, easy, inexpensive



#### CONS

- Not a stand-alone method of composting
- Not a good solution to manage yard waste
- If purchasing bran, it can be costly
- If making your own bran, it takes a while
- "Ick factor"



#### What's the Difference?

#### **Composting**

- Aerobic bacteria
- Feedstock components include "browns" and "greens"
- Maintenance turning, mixing, size reduction, etc.
- Finished product humus

#### **Bokashi**

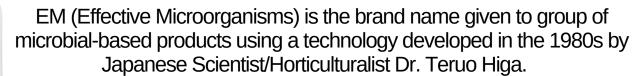
- Anaerobic bacteria
- Feedstock components can include meat, fats, oils, bones, dairy, cooked leftovers, citrus, etc.
- No maintenance required
- "Unfinished product" pickled food scraps, requires additional composting

#### Bokashi Bran

Bokashi Bran, also called Bokashi flakes, is the inoculated material that is sprinkled onto the food scraps to ferment them. Bran can be successfully made from sawdust, coffee chaff, rice/wheat/oat bran, or even dry crumpled leaves. More commonly, wheat bran is used. **Finished bran contains four ingredients:** 

wheat bran, molasses, water, and a special accelerator called EM-1





\*Teraganix is the exclusive distributor of all EM products sold in the USA and Canada.

Lactic Acid Bacteria (lactobacillus) Yeast (same used in baking and brewing)

Phototrophic Bacteria (similar to blue/green algae, found naturally in soils)

### **Bokashi Supplies**



- 2 fermentation vessels (such as 5 gallon buckets stacked together, and the inner bucket has drainage holes)
- Tool for compaction (a circular piece of cardboard works fine)
- Bokashi Bran (can be commercial quality or homemade)
- An airtight storage container for bran (if homemade)



#### How to Make DIY Bokashi Flakes

Source: Rebecca Louie, *The Compostess*, www.thecompostess.com

#### **Materials**

- 1.5 TB EM-1
- 3 lb. Flake material: Wheat bran can be purchased from an animal feed store for about \$15 for 50 pounds. Considering a 2 lb. bag of finished bokashi flakes can cost upwards of \$15, you're in for some serious savings!
- 1.5 TB Molasses: This serves as food source for the microbes.
- 3 cups Water
- Container for mixing. Make sure it's big enough to hold your flake material and then some.
- Plastic bag: Make sure there are no holes in the plastic.

#### Instructions

- Dissolve the molasses in the water.
- 2. Add **EM-1** to the water mix.
- 3. Pour **dry flake material** into the mixing container.
- 4. Add 2/3 of the **water** mixture to the flake material and mix it together. Use your hands! It not only feels good, but is vital to determining when you've achieved the ideal moisture level.
- 5. Squeeze a handful of flakes together.
  - a. If it sticks together without dripping, as seen in the picture to above, it's perfect! Continue to the next section!
  - b. If it crumbles apart like dust, it's too dry. Slowly add the remaining liquid to your flakes, pausing periodically to squeeze test it until it achieves the conditions described above.
  - c. If liquid oozes from the flakes, it's too wet. Add more dry flake material until it achieves the conditions described above.
- 6. Once you've achieved the proper moisture level, put the dampened flakes into the plastic bag.
  - a. Compress the bag contents to squeeze out as much air as you can from between the flakes and throughout the bag.
- 7. Twist or tie the bag closed, sealing the flakes in a private, air-tight universe.
- 8. Keep the bag in a warm, out-of-the-way corner like a cupboard or cabinet for a minimum of two weeks. In this quiet, dark, airless space, the microbes will ferment the flakes.
- 9. After a few weeks have passed, open the bag. It should have a sweet, yeast-y smell to it.
  - a. You may see white mold on it, which is totally fine. If you see green/blue/black mold, something went wrong and the wrong microbes cultivated. Compost the bad batch and start over.
- 10. Dry your flakes for long-term storage and use. Spread your bokashi flakes out in a thin layer on the floor or on a table to air out. You can do this in a tray, on a plate, or any other surface you don't mind spreading flakes on. Heat and sunshine help speed things up.

#### How Much Do You Need?

"Each 2.2 lb bag of bran will ferment 5 bokashi bins. For an average family, this is generally 3 – 4 months worth of food waste.

Then as the bucket fills, add 1-2 tablespoons of bokashi bran for every 6 cm (2.3 in) of food."

Source: Potager Project

#### Bokashi "Tea" or "Juice"

Bokashi Tea is the acidic liquid that accumulates at the bottom of a bokashi composter. The pH level and acid-loving microbes it contains are responsible for the benefits it provides. Drain off the "Bokashi Tea" from your bucket every few days. \*Dilute and use it as soon as you drain it. It does not store well.

- Use for septic system aid
- Clean pipes by pouring down drain
- Fertilize your house plants
  - Dilute 1:100 "tea" to water (when watering less than once a week)
  - AVOID adding to young/tender plants or to foliage. Add diluted "Bokashi Tea" to the soil surrounding plants

#### EM-1

**Agricultural Applications:** Apply an average of 1 gallon per acre per week from sowing until harvest.

Garden Applications: Add EM-1 concentrate to a suitable hose-end sprayer and spray directly onto plants or soil surfaces. One 32 oz. hose end sprayer (set to 1 oz./gal.) should cover about 1/8 acre. Apply once per week throughout the growing season.

Houseplant Applications: Mix EM-1 with water at a rate of 1 oz. per gallon. Spritz onto plants with a bottle sprayer.

### Secondary Composting

Bokashi Pre-Compost:
Although Bokashi is a composting method, it is technically fermentation.
The final product is **NOT** finished compost.

#### **Add to Preexisting Compost Pile**

Add one-part bokashi pre-compost to three parts browns by volume

#### **Bury in Soil (9+ inches)**

\*Make sure soil completely covers the fermented mass to keep oxygen out of the decomposition process.

#### Put Pre-Compost in a Large Pot

- Fill a pot to about 1/3 of its volume with bokashi pre-compost
- Fill up the second third with soil
- Mix the bokashi pre-compost with the soil
- Add soil on top, filling the remainder of the pot

\*Wait a minimum of 14 days before using compost\*

## MUNICIPAL WASTE REDUCTION AND RECYCLING PROJECT PROGRESS REPORT FORM - Recycling Coordination/Education Projects

A Progress Report is due in conjunction with payment requests. You may use this form, or your own form using a similar format. Use additional sheets if necessary.

Grantee:	Ulster County Resource	Contract No.	
	Recovery Agency		
	Period covered by this report:	January 1 – Mare	ch 31 <sup>st</sup> 2023
	Person completing this report:	Angelina Brandt	, Director of Sustainability

1. Describe the activities from the contract Scope of Work which were completed during the time period of this report.

	Work Plan Objective	Progress This Quarter		Details
1.	Addresses recycling complaints about businesses, apartments, and institutions, and promotes awareness of local recycling requirements and recycling guidelines to reduce contamination,	<b>√</b>	•	Executive Director updated the Agency's Job Description for "Recycling Compliance Officer." The position was advertised during this period, but the new hire did not join the Agency during this time period.  In lieu of having a dedicated Recycling Compliance Officer, the Recycling Outreach Team (ROT) promoted awareness of recycling requirements by maintaining website resources and discussing recycling requirements during tours, presentations, site visits, etc. The ROT also promotes Recycle-Right-NY resources and messages to reduce contamination.
2.	Completes planning unit reports related to measuring and tracking regulated recyclable materials, electronics recycling, organics recycling, household hazardous wastes,	•	Di •	rector of Sustainability successfully completed:  2022 MWRR Grant Quarterly/Final Report  2022 HHW State Assistance Program Grant  2022 HHW Collection Program Annual Report  2022 Organics Recovery Facility Annual Report  2022 Electronics Recycling Annual Report  2022 Ulster County Annual Waste & Recycling Reports; Staff updated contact list, coordinated mailings, collected and tracked reports, sent reminder and compliance notices.
3.	Conducts site visits and consultation services to implement or			o Site Visits were completed this Quarter, which is normal for this ne of year.

improve existing

co wa	cycling, imposting, or aste reduction ograms,	January – February The Ulster County Annual Waste & Recycling Report was conducted which is one of the mechanisms used to educate large waste generators about improving their recycling programs. Direct mailings were sent to those who requested more information.
pro sui bro list rec stii otl pro to	odates/distributes ogram media ch as guides, ochures, contacts ts, flyers, posters, cycling bin ickers, signs, or her media and omotional items aid in cycling/composti g programs,	<ul> <li>The ROT created new media, such as:         <ul> <li>2023 Ulster County Municipal Recycling Drop Off Center (MRDC) List</li> <li>"Repairing Recycling Habits" display</li> <li>UCRRA Electronics Recycling Program info card</li> <li>Poster - How to Safely Dispose of SHARPS (Home Use Medical Needles)</li> <li>Poster - How to Safely Dispose of Medications</li> <li>FLYER for UCRRA Spring Events &amp; Classes</li> </ul> </li> <li>Upon request, the Recycling Outreach Team (ROT) mails media kits to local community groups, businesses, or local government, etc.</li> <li>During facility tours and presentations, the ROT distributes media kits to all visitors or program participants.</li> <li>Print copies of program media is available at the Main Office.</li> </ul>
of co ma Co Se	arkets the railability and use finished ampost, and aintains US amposting Council ral of Testing ssurance Program,	<ul> <li>Results from December 2022 compost testing yielded good results. December test results were received and reviewed in January and were posted to UCRRA website.</li> <li>Compost was sampled and sent for testing again in March 2023.</li> <li>The Agency complied with all requirements of the USCC Seal of Testing Assurance Program.</li> <li>Staff participated in planning meetings to discuss and coordinate the launch of the bagged compost product and worked with website developer to establish an online store that the bagged compost can be sold and marketed through.</li> <li>Staff developed new media to support the launch of the bagged compost program.</li> </ul>
UC Co Pro UC Re an ind	cts as liaison for CRRA Partners in omposting ogram and CRRA Dual Stream ecycling Program, and strives to crease public articipation in oth programs,	<ul> <li>Staff contacted all MRDCs to request updated information about hours, fees, and materials accepted. The UCRRA website and print flier was finalized in January 2023.</li> <li>January 2023 – Presented on community scale composting options to Shawangunk Environmental Management Council</li> <li>March 2023 - Onboarded a new Partner in the Agency's Composting Program (Blackbird Café)</li> <li>The ROT distributes recycling and composting information in the Main Office, to program participants at tours and classes, and via mail by request.</li> </ul>
pre	cilitates esentations and orkshops for	<ul> <li>January</li> <li>1/10 Community Composting for Town of Shawangunk</li> <li>Environmental Management Council</li> </ul>

businesses, schools, community groups, youth groups, and residents, to promote recycling, waste reduction, reuse, up-cycling, and composting,		February  O2/07 Intro to Home Composting - part of "Looking Towards Spring" Speaker Series at the Rosendale Recreation Center  O2/21 Recycle Right – part of the "Sustainability Challenge" at the Kingston Public Library  March  O3/1 "Eco Friendly Home: DIY Cleaners & More" Class at UCRRA  O3/15 "About UCRRA" Presentation for Kingston Rotary Club  O3/22 "Recycling Jeopardy Game" at Riccardi Elementary School classroom (Saugerties Central School District)  O3/29 "Composting for Kids" at Riccardi Elementary School classroom (Saugerties Central School District)		
8. Tables at community events and fairs, and facilitates special recycling events for Earth Day, Compost Awareness Week, Plastic Free July, compost bin sales, or other recycling events	•	January  1/21 Outreach Booth "Repairing Recycling Habits" at the New Paltz Repair Café  February  02/24 Skip the Straw Day at UCRRA  02/26 Outreach Booth "Repairing Recycling Habits" at the Gardiner Repair Café  March  03/25 Outreach Booth "Repairing Recycling Habits" at the Town of Esopus Repair Café  03/25 Outreach Booth at Electronics Recycling Event in Town of Plattekill		
9. Conducts facility tours of the Material Recovery Facility, the Organics Recovery Facility, the Sustainable Living Center, and the home composting demonstration garden, 10. Promotes	✓	January None this month  February  O2/02 Tour for Sullivan County Division of Public Works  March  O3/02 Tour for Blackbird Coffee & Infoshop  O3/24 Tour for Grow Amsterdam NY 501c-3		
recycling/waste reduction/composti ng messaging through UCRRA website, social media, e- newsletters, podcasts,		Social Media  "Repairing Recycling Habits" How to recycle holiday trees January Repair Cafes  February Ulster County Skip the Straw Law Celebrating National Skip the Straw Day Break up with SUP – Valentine's Day Edition Recycling Tip Tuesday – Valentine's Day Cards		

newspaper, radio		Promos for February Classes		
advertising, bus				
ads, or other means		<u>March</u>		
of communication,		Recycling Tip Tuesday – Retain the shape of 3D items;		
or communication,		keep 2D items flat		
		What is Household Hazardous Waste?		
		HHW Series: Cleaning Products, Safe Storage		
		Eco-Friendly Home: Eco-friendly alternative cleaners		
		Promos for March Classes		
	Radio	January & February		
	Nadio	Reuse & Repair (30 sec)		
		Have you considered other ways to extend the life of an		
		item before throwing it away? This is Tanesia White,		
		Recycling Educator at UCRRA. On our website, you can		
		find a place to donate items in good condition, or search		
		for places to repair broken items like old appliances,		
		computers, bicycles, and more! Donating and repairing		
		helps us to be more sustainable with our waste, so we		
		can reduce our environmental impact. Learn more at		
		UCRRA.ORG		
		March		
		Textile Recycling (30 sec)		
		Did you know that the average New Yorker discards 70		
		pounds of clothing and textiles each year? Donating and		
		recycling textiles can help neighbors in need while		
		protecting our environment! To learn more, visit our		
		website UCRRA.ORG		
	Print	<u>January</u>		
		None this month		
		Falson		
		February None this month		
		None this month		
		March		
		• 3/22 Print & Digital ad in Spring Home Improvement		
		Magazine		
		(Ulster Publishing/Hudson Valley One)		
	News	<u>View all blog articles linked here.</u>		
	Letter			
	/Blog	<u>January</u>		
		None this month		
		February		
		New blog article "UCRRA Sustainable Materials		
		Management in 2022"		
		March		
		New blog article "Community Spotlight: Onteora Central		
		School District – Film Plastic Recycling Program"		
	Web	No significant changes to the website this quarter, other		
	AACD	140 Significant changes to the website this quarter, other		

		than adding compost test results and work on developing the online store for compost sales.	
	Other	The Recycling Outreach Team responded to questions and inquiries through social media, the Recycling Hotline, direct emails, and through the contact us submissions through UCRRA website.	
		Other communication strategies include:	
		<ul> <li>Rethink Waste – OTT Digital Advertising Campaign (January 15 – February 15)</li> <li>Rethink Waste Recycleopedia – Youtube Preroll Campaign (February 1 – February 28) https://www.youtube.com/watch?v=3n7AHplFqJM</li> <li>02/07 - communications regarding NYSAR3's College Council Grant Program was circulated to SUNY campus contacts</li> <li>02/14 - UCRRA's Recycling Outreach Team Programs were highlighted during NY Compost</li> </ul>	
		Awareness Week meeting	
participates in conferences, seminars, and groups or meetings related to regional recycling, organics, waste reduction, or product stewardship initiatives	• 1/25 Group • 1/19  Februa No sign  March • 03/ (NY • 03/ • 03/ Gra Cor • 03/ high • 03/ • 03/	<ul> <li>January</li> <li>1/25 Hudson Valley Regional Materials Management Working Group quarterly meeting</li> <li>1/19 NYSAR3 Women for Recycling Committee meeting</li> <li>February         <ul> <li>No significant notes this month</li> </ul> </li> <li>March</li> <li>03/09 – NYS Association of Reduction, Reuse, Recycling (NYSAR3) Young Professionals Committee</li> <li>03/16 - (NYSAR3) Organics Summit Planning Committee</li> <li>03/16 - (NYSAR3) MEDI+ Committee</li> <li>03/17 - communications regarding NYSAR3's Green School Grant Program was circulated to all Ulster County School Contacts</li> <li>03/14 - UCRRA's Recycling Outreach Team Programs were highlighted during NY Compost Awareness Week meeting</li> <li>03/28 - (NYSAR3) Organics Council meeting</li> <li>03/30 Webinar – Paint Care: It's on a Roll</li> </ul>	
12. Plans, implements, directs, and reports on the Agency's Household Hazardous Waste Program and promotes awareness of safe disposal practices and	to faci Prograi	staff coordinated all necessary documentation and planning litate the 2023 Household Hazardous Waste Collection m.  Agency will host four events in 2023  Sat. April 29th in NEW PALTZ  Sun. June 25th in KINGSTON  Sat. August 19th in NEW PALTZ	

alternatives to	<ul> <li>Sun. October 22nd in KINGSTON</li> </ul>
household hazardous	✓ Registration for the April HHW program opened in March
wastes	and staff actively coordinated appointment requests.

2. List the work products from the contract which were completed. Provide copies of any completed work products, if applicable.

The following items are presented as a Media Sample for this quarter -

- Miscellaneous program photos
- Print Advertising design proof, referenced in item #10
- Miscellaneous class/event fliers
- New media samples referenced in item #4
- December 2022 (as well as historical) compost test results are available on the Agency's webpage <a href="https://ucrra.org/compost-for-sale/compost-test-results/">https://ucrra.org/compost-for-sale/compost-test-results/</a>
- Samples of social media content can be viewed on the Agency's <u>facebook page linked here</u> Instagram account linked here, and Youtube channel linked here
- PDF copies of the presentations and reports described here are available upon request (large file size)
- 3. Add any other information to help evaluate the success of this project.

The Recycling Outreach Team (ROT) successfully completed 11/12 tasks under this project this quarter. The ROT collects program tracking data to help evaluate the success and reach of the program and strategies used to meet the project objectives.

A total of 122 adults and 38 youth directly participated in programs associated with this project this quarter, totaling 16.75 hours of direct community engagement in educational workshops and tours. The ROT conducted 7 public speaking events, tabled at 5 community events, and facilitated 3 guided tours of the recycling and composting facility. These are typical metrics for this time of year. A large focus on outreach initiatives this quarter was "Repairing Recycling Habits" theme brought to local Repair Café events, National Skip the Straw Day, Spring Cleaning focus on safer alternatives to using hazardous chemicals, and others. The Recycling Outreach Team responded to questions on the Agency's recycling hotline. The ROT tracked 270 recycling-related phone calls, totaling approximately 20.5 hours of educational service over the hotline. The Recycling Outreach Team grew its social media audience by about 7.5%. By the end of the quarter, there were 1211 followers on Facebook, and 1072 followers on Instagram. By the end of the quarter, the Agency's Youtube Channel had 36,830 total views, or 162.3 hours of viewing due to the new advertising strategy. Newsletter subscribers decreased slightly, totaling 4,482 by the end of quarter. The ROT continues to look for new tools and innovative methods to reach a wider audience and enhance program offerings that inform and help improve local waste reduction, recycling, and composting programs.



Repair Recycling Habits Display at the Town of Esopus Repair Café.



#### THE ROSENDALE RECREATION COMMISSION PRESENTS



### Tuesday, February 7

### INTRODUCTION TO HOME COMPOSTING

#### PRESENTED BY THE ULSTER COUNTY RE-SOURCE RECOVERY AGENCY

Home composting is a great way to manage food scraps like fruit and vegetable peels, coffee grounds, stale bread, and other scraps or spoiled foods so they don't go to waste!

This workshop is designed for new/beginner composters looking to get started. The class will introduce the environmental and horticultural benefits of composting and the basic principles of how to do it correctly. Then, participants will learn about the various compost bin options and the pros and cons of each composting system. At the end of the seminar, participants will learn why compost is beneficial for soil health, and how to use their finished compost right in their own backyard.

#### ROSENDALE RECREATION CENTER 6:30 – 8:00 PM

### Saturday, February 25

## SPRING ENERGY CLEANING TOM KONRAD, HOME ENERGY COACH

Learn how to clean up your energy use and transition off fossil fuels while saving money. The key is making a plan to replace your old fossil fueled boiler, water heater, stove, snowblower, etc. with better, cleaner options when you would be replacing it anyway, as well as about the many incentives available through the IRS as a result of the Inflation Reduction Act as well as the state and Central Hudson.

#### RONDOUT MUNICIPAL CENTER 1:00 - 2:00 PM

CO-SPONSORED BY THE MARBLETOWN ENVIRONMENTAL COMMISSION



### Saturday, March 11

### FIRST ANNUAL ROSENDALE PLANT AND SEED SWAP!

Bring seeds, seedlings, cuttings or potted plants to swap with your neighbors!

See rosendale.eventbrite.com for more details.

### RONDOUT MUNICIPAL CENTER 1:00 - 4:00 PM

CO-SPONSORED BY THE ROSENDALE ENVIRONMENTAL COMMISSION





Why can't ALL plastics be recycled?
Should you recycle that coffee cup?
What about broken dishes?

Putting unaccepted items in the recycling bin can damage equipment, harm workers, and reduce the value of recycling. Learn about the benefits of recycling correctly and what makes something 'recyclable' or not.

Speaker: Angelina Brandt, Director of Sustainability
Ulster County Resource Recovery Agency



February 17, 2023



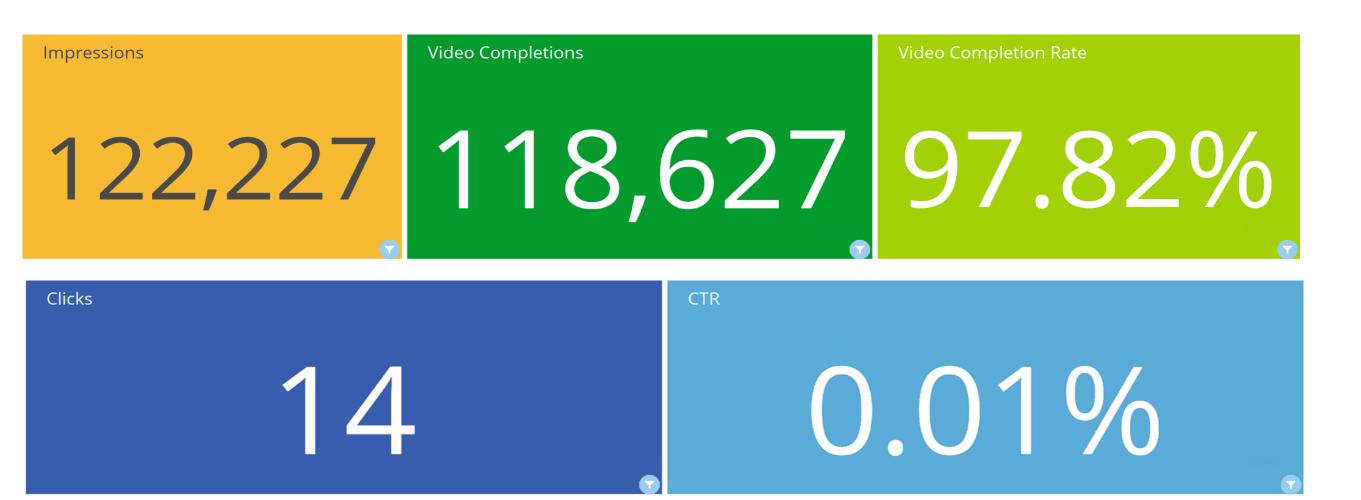
## Radio Woodstock - CTV/ OTT

Controls & Filters

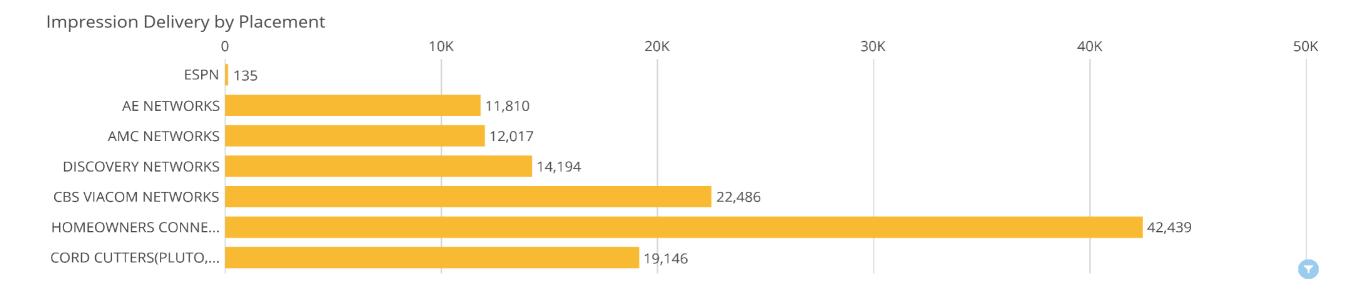
Account Name contains Ulster County Resource Recover... Campaign contains 2023\_Ulster County Resource Re...

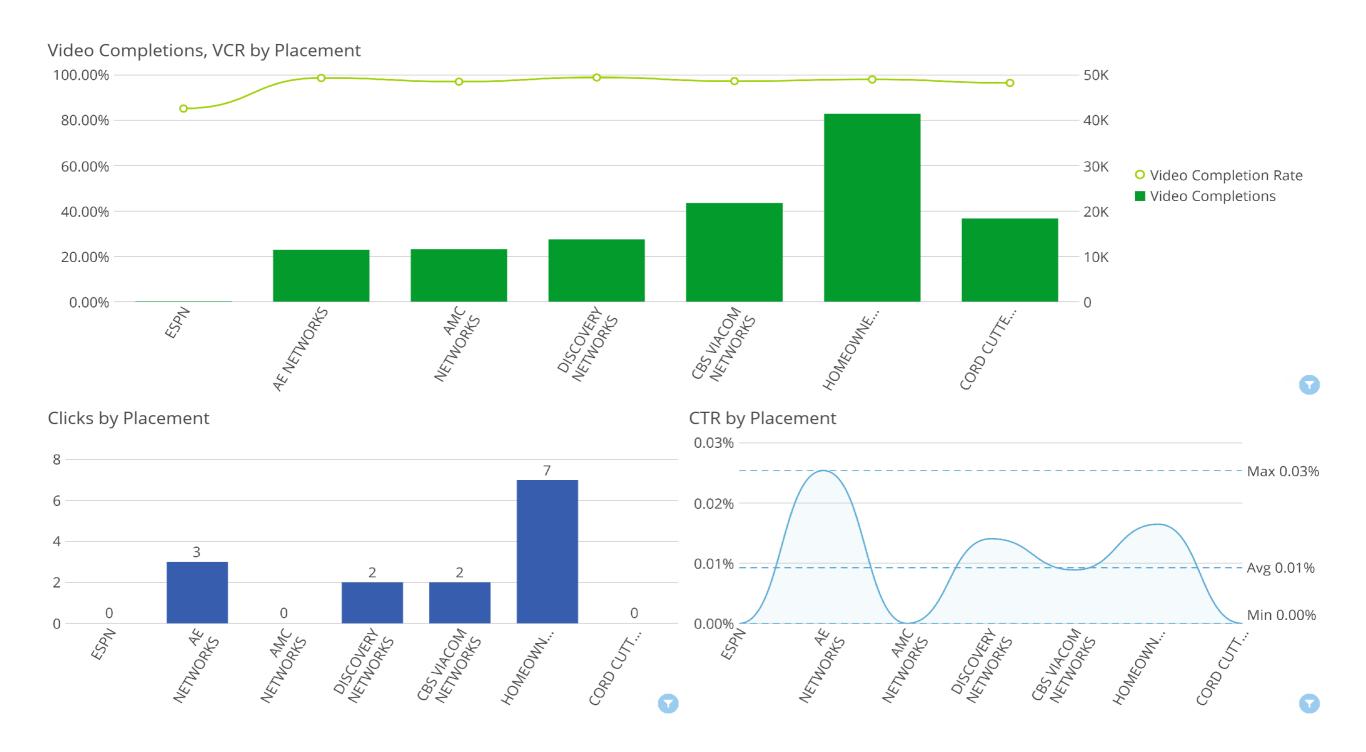


### **EXECUTIVE SUMMARY**

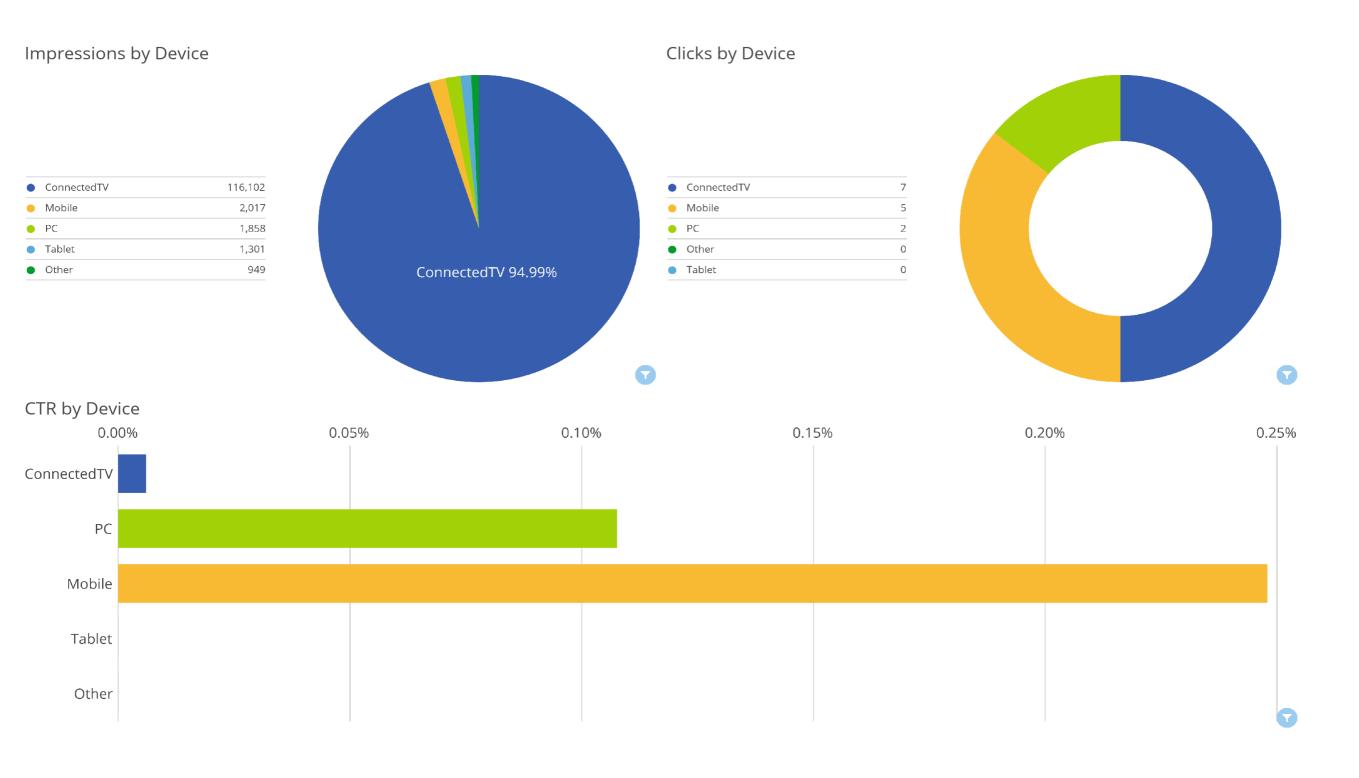


### **Placement Overview**





### **Device Overview**



### **Creative Performance**

#### Creative Table

Creative	Impressions	Video Completions	Video Completion Rate	Clicks	CTR
UCRRA-Final.mp4	122,227	118,627	97.82%	14	0.01%

